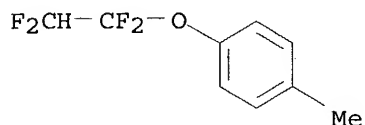


Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	27	((("3467638") or ("3694499") or ("4093665") or ("4157344") or ("4377711") or ("4575571") or ("4600787") or ("4668830") or ("4695657") or ("4950802") or ("5463088") or ("5484932") or ("5849959")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/15 19:11
L2	1092	((568/610) or (568/649) or (568/655) or (568/656) or (568/657) or (568/658)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/15 19:13
L3	1695511	electronic near3 devide or organic near2 light near2 emit\$5 near2 diode or display	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 19:14
L4	45	I2 and I3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 19:24
L5	7208	petrov.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 19:25
L6	0	I2 and I5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 19:25
L7	144	I3 and I5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 19:26
L8	31	fluorinated near2 aryether	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 19:27
L9	0	I5 and I8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 19:27

10/669,404

ANSWER 44 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:818390 CAPLUS
DN 138:187456
TI Facile and efficient synthesis of fluoroalkyl aryl ethers
AU Kamal, Ahmed; Pratap, T. B.; Ramana, K. Venkata; Ramana, A. V.; Babu, A. Hari
CS Division of Organic Chemistry, Indian Institute of Chemical Technology, Hyderabad, 500 007, India
SO Tetrahedron Letters (2002), 43(41), 7353-7355
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 138:187456
IT 1737-11-7P, 4-(1,1,2,2-Tetrafluoroethoxy)toluene
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of fluoroalkyl aryl ethers from iodoalkyl fluorides and phenols)
RN 1737-11-7 CAPLUS
CN Benzene, 1-methyl-4-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)



RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/669,404

ANSWER 133 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1970:436584 CAPLUS

DN 73:36584

TI Preparation of (1,1,2,2-tetrafluoroethoxy)benzenes

PA Farbwerke Hoechst A.-G.

SO Fr. Demande, 10 pp.

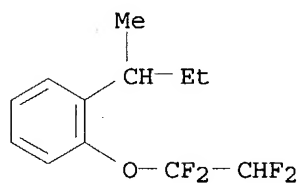
CODEN: FRXXBL

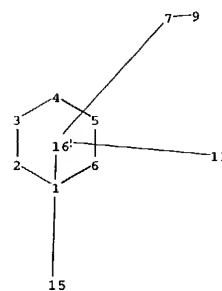
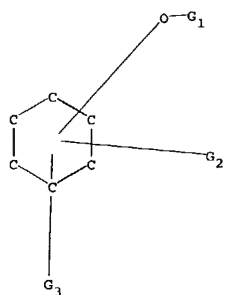
DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	FR 2005876		19691219		
	DE 1768171			DE	
	GB 1230932			GB	
PRAI	DE		19680409		
IT	28202-34-8P				
	RL: IMF (Industrial manufacture); PREP (Preparation)				
	(preparation of)				
RN	28202-34-8 CAPLUS				
CN	Benzene, 1-(1-methylpropyl)-2-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA				
	INDEX NAME)				





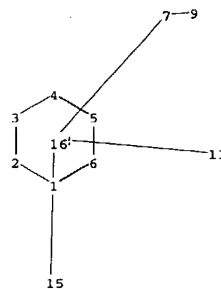
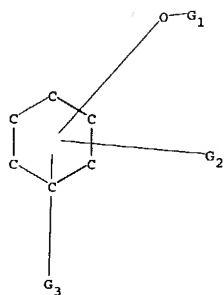
chain nodes :
 7 9 11 15
 ring nodes :
 1 2 3 4 5 6
 chain bonds :
 7-9
 ring bonds :
 1-2 1-6 2-3 3-4 4-5 5-6
 exact/norm bonds :
 7-9
 normalized bonds :
 1-2 1-6 2-3 3-4 4-5 5-6
 isolated ring systems :
 containing 1 :

G1:CF2,CF3

G2:CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH2,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 9:CLASS 10:CLASS 11:CLASS
 12:CLASS 15:CLASS 16:CLASS



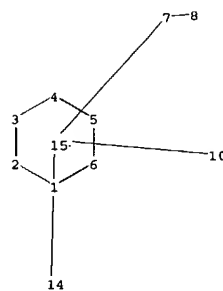
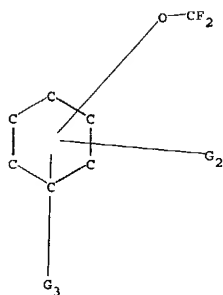
chain nodes :
 7 9 11 15
 ring nodes :
 1 2 3 4 5 6
 chain bonds :
 7-9
 ring bonds :
 1-2 1-6 2-3 3-4 4-5 5-6
 exact/norm bonds :
 7-9
 normalized bonds :
 1-2 1-6 2-3 3-4 4-5 5-6
 isolated ring systems :
 containing 1 :

G1:CF₂,CF₃

G2:CH₃,CH₂,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH₂,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 9:CLASS 10:CLASS 11:CLASS
 12:CLASS 15:CLASS 16:CLASS

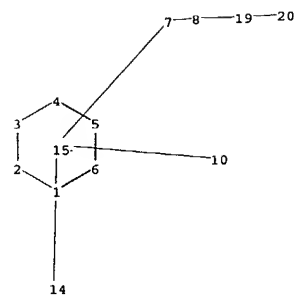
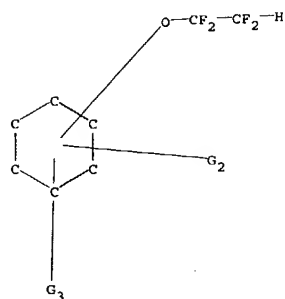


chain nodes :
 7 8 10 14
 ring nodes :
 1 2 3 4 5 6
 chain bonds :
 7-8
 ring bonds :
 1-2 1-6 2-3 3-4 4-5 5-6
 exact bonds :
 7-8
 normalized bonds :
 1-2 1-6 2-3 3-4 4-5 5-6
 isolated ring systems :
 containing 1 :

G2:CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH2,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
 11:CLASS 14:CLASS 15:CLASS

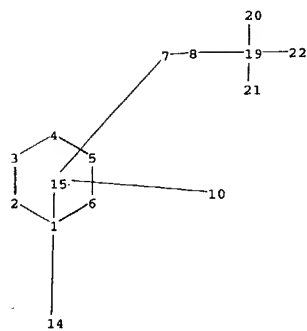
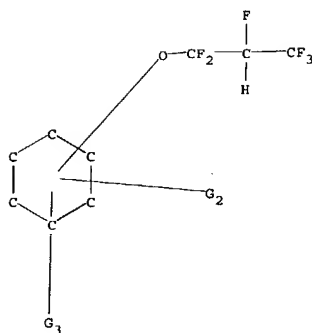


chain nodes :
 7 8 10 14 19 20
 ring nodes :
 1 2 3 4 5 6
 chain bonds :
 7-8 8-19 19-20
 ring bonds :
 1-2 1-6 2-3 3-4 4-5 5-6
 exact bonds :
 7-8 8-19 19-20
 normalized bonds :
 1-2 1-6 2-3 3-4 4-5 5-6
 isolated ring systems :
 containing 1 :

G_2 :CH₃,CH₂,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G_3 :H,Cl,Br,F,Ak,CH₂,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
 11:CLASS 14:CLASS 15:CLASS 19:CLASS 20:CLASS



chain nodes :
 7 8 10 14 19 20 21 22
 ring nodes :
 1 2 3 4 5 6
 chain bonds :
 7-8 8-19 19-20 19-21 19-22
 ring bonds :
 1-2 1-6 2-3 3-4 4-5 5-6
 exact bonds :
 7-8 8-19 19-20 19-21 19-22
 normalized bonds :
 1-2 1-6 2-3 3-4 4-5 5-6
 isolated ring systems :
 containing 1 :

G2:CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH2,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
 11:CLASS 14:CLASS 15:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS

10/669,404

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1204RXW

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JUL 12 BEILSTEIN enhanced with new display and select options,
resulting in a closer connection to BABS
NEWS 4 AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display
fields
NEWS 5 AUG 02 CAPLUS and CA patent records enhanced with European and Japan
Patent Office Classifications
NEWS 6 AUG 02 The Analysis Edition of STN Express with Discover!
(Version 7.01 for Windows) now available
NEWS 7 AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage
NEWS 8 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal
status data from INPADOC
NEWS 9 SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS 10 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover!
NEWS 11 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 12 SEP 27 STANDARDS will no longer be available on STN
NEWS 13 SEP 27 SWETSCAN will no longer be available on STN
NEWS 14 OCT 28 KOREAPAT now available on STN

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 19:36:34 ON 15 NOV 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

10/669,404

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 19:36:47 ON 15 NOV 2004
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STRUCTURE FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4
DICTIONARY FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>Testing the current file.... screen

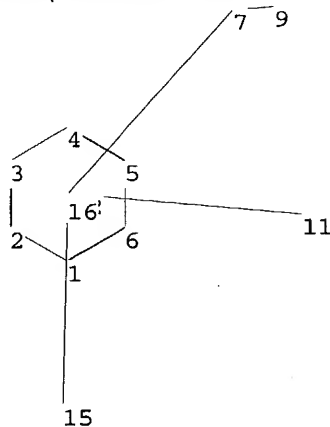
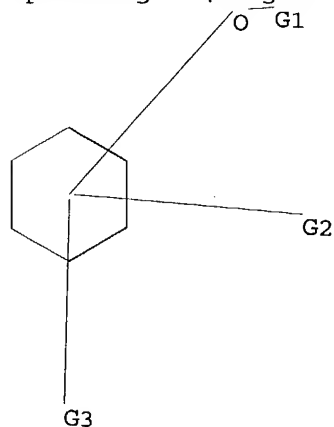
ENTER SCREEN EXPRESSION OR (END):end

=> screen 1992 OR 2016 OR 2021 OR 2026 OR 1839

L1 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\10669404.str



chain nodes :

7 9 11 15

ring nodes :

1 2 3 4 5 6

chain bonds :

7-9

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

10/669,404

7-9

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G1:CF2,CF3

G2:CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH2,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 9:CLASS 10:CLASS

11:CLASS 12:CLASS 15:CLASS 16:CLASS

L2 STRUCTURE UPLOADED

=> que L2 NOT L1

L3 QUE L2 NOT L1

=> d

L3 HAS NO ANSWERS

L1 SCR 1992 OR 2016 OR 2021 OR 2026 OR 1839

L2 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

L3 QUE L2 NOT L1

=> s 13

SAMPLE SEARCH INITIATED 19:39:26 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 134 TO ITERATE

100.0% PROCESSED 134 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 1986 TO 3374

PROJECTED ANSWERS: 736 TO 1664

L4 50 SEA SSS SAM L2 NOT L1

=> s 13 ful

FULL SEARCH INITIATED 19:39:35 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2755 TO ITERATE

100.0% PROCESSED 2755 ITERATIONS

1302 ANSWERS

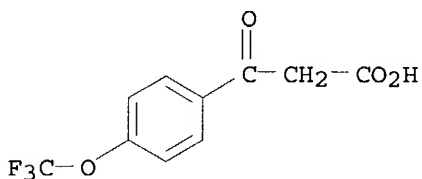
SEARCH TIME: 00.00.01

L5 1302 SEA SSS FUL L2 NOT L1

10/669,404

=> d scan

L5 1302 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzenepropanoic acid, β -oxo-4-(trifluoromethoxy)- (9CI)
MF C10 H7 F3 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	157.52	157.73

FILE 'STNGUIDE' ENTERED AT 19:40:28 ON 15 NOV 2004
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov 12, 2004 (20041112/UP).

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.36	158.09

FILE 'REGISTRY' ENTERED AT 19:44:00 ON 15 NOV 2004
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provided by InfoChem.

STRUCTURE FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4
DICTIONARY FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

10/669,404

=>Testing the current file.... screen

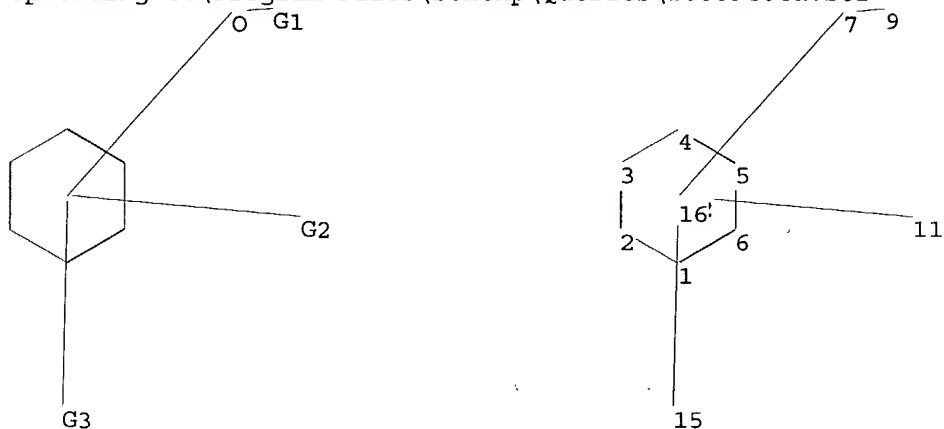
ENTER SCREEN EXPRESSION OR (END):end

=> screen 1304 OR 1992 OR 2016 OR 2021 OR 2026 OR 1839

L6 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\10669404a.str



chain nodes :

7 9 11 15

ring nodes :

1 2 3 4 5 6

chain bonds :

7-9

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

7-9

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G1:CF2,CF3

G2:CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH2,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 9:CLASS 10:CLASS

11:CLASS 12:CLASS 15:CLASS 16:CLASS

L7 STRUCTURE UPLOADED

=> que L7 NOT L6

10/669,404

L8 QUE L7 NOT L6

=> d

L8 HAS NO ANSWERS

L6 SCR 1304 OR 1992 OR 2016 OR 2021 OR 2026 OR 1839

L7 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

L8 QUE L7 NOT L6

=> s 18

SAMPLE SEARCH INITIATED 19:44:49 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 130 TO ITERATE

100.0% PROCESSED 130 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 1916 TO 3284

PROJECTED ANSWERS: 672 TO 1568

L9 50 SEA SSS SAM L7 NOT L6

=> s 18 ful

FULL SEARCH INITIATED 19:44:57 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2623 TO ITERATE

100.0% PROCESSED 2623 ITERATIONS

1177 ANSWERS

SEARCH TIME: 00.00.01

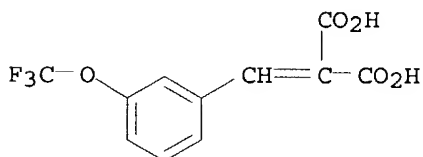
L10 1177 SEA SSS FUL L7 NOT L6

=> d scan

L10 1177 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN

IN Propanedioic acid, [[3-(trifluoromethoxy)phenyl]methylene]- (9CI)

MF C11 H7 F3 O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> s 18 full css

FULL SEARCH INITIATED 19:45:53 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2623 TO ITERATE

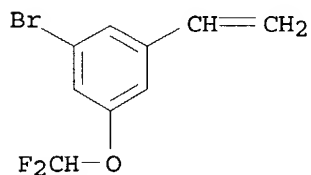
10/669,404

100.0% PROCESSED 2623 ITERATIONS (36 INCOMPLETE) 91 ANSWERS
SEARCH TIME: 00.00.01

L11 91 SEA CSS FUL L7 NOT L6

=> d scan

L11 91 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzene, 1-bromo-3-(difluoromethoxy)-5-ethenyl- (9CI)
MF C9 H7 Br F2 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus uspatful

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

311.68

469.77

FILE 'CAPLUS' ENTERED AT 19:46:14 ON 15 NOV 2004
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FILE 'USPATFULL' ENTERED AT 19:46:14 ON 15 NOV 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l11

L12 184 L11

=> dup rem l12

PROCESSING COMPLETED FOR L12

L13 170 DUP REM L12 (14 DUPLICATES REMOVED)

=> s l13 and (electronic or device or display)

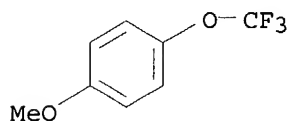
L14 21 L13 AND (ELECTRONIC OR DEVICE OR DISPLAY)

=> d 1-21 bib fhitr

L14 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:196603 CAPLUS
DN 137:5886
TI The trifluoromethoxy group:- a long-range electron-withdrawing substituent
AU Castagnetti, Eva; Schlosser, Manfred
CS Institut de Chimie Organique Ecole Polytechnique Federale de Lausanne,
Lausanne, 1015, Switz.
SO Chemistry--A European Journal (2002), 8(4), 799-804
CODEN: CEUJED; ISSN: 0947-6539
PB Wiley-VCH Verlag GmbH
DT Journal

10/669,404

LA English
OS CASREACT 137:5886
IT 710-18-9, 4-(Trifluoromethoxy)anisole
RL: CPS (Chemical process); PEP (Physical, engineering or chemical process); PRP (Properties); RCT (Reactant); PROC (Process); RACT (Reactant or reagent)
(trifluoromethoxy group as long-range electron-withdrawing substituent)
RN 710-18-9 CAPLUS
CN Benzene, 1-methoxy-4-(trifluoromethoxy)- (7CI, 8CI, 9CI) (CA INDEX NAME)

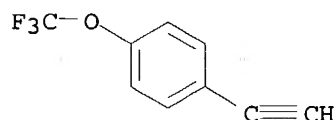


RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:850705 CAPLUS
DN 135:378849
TI Phenylacetyl compound for nematic liquid crystal composition suitable for liquid crystal display
IN Sekine, Chizu; Fujisawa, Koichi; Iwakura, Kazunori; Minai, Masayoshi
PA Sumitomo Chemical Co., Ltd., Japan
SO Ger. Offen., 90 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10120024	A1	20011122	DE 2001-10120024	20010424
	JP 2001302579	A2	20011031	JP 2000-124957	20000425
	JP 2001302580	A2	20011031	JP 2000-124958	20000425
	JP 2001329264	A2	20011127	JP 2000-152867	20000524
PRAI	JP 2000-124957	A	20000425		
	JP 2000-124958	A	20000425		
	JP 2000-152867	A	20000524		

OS MARPAT 135:378849
IT 160542-02-9
RL: RCT (Reactant); RACT (Reactant or reagent)
(synthesis of new phenylacetyl compound for nematic liquid crystal composition,
showing larger refractive index anisotropy, suitable for liquid crystal display)
RN 160542-02-9 CAPLUS
CN Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L14 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:793422 CAPLUS
DN 135:350652

10/669,404

TI Phenyl acetylenic compound having cyclopropane- or alkenyl-terminated backbone for LCD liquid crystal composition
IN Sekine, Chizu; Fujisawa, Koichi; Iwakura, Kazunori; Minamii, Masayoshi
PA Agency of Industrial Sciences and Technology, Japan; Shin Energy Sangyo Gijutsu Sogo Kaihatsu Kiko; Sumitomo Chemical Co., Ltd.
SO Jpn. Kokai Tokkyo Koho, 22 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 2001302579	A2	20011031	JP 2000-124957	20000425
	DE 10120024	A1	20011122	DE 2001-10120024	20010424
	GB 2364050	A1	20020116	GB 2001-10057	20010424
	GB 2364050	B2	20040512		
	US 2001050353	A1	20011213	US 2001-840983	20010425
	US 6623810	B2	20030923		
PRAI	JP 2000-124957	A	20000425		
	JP 2000-124958	A	20000425		
	JP 2000-152867	A	20000524		

OS MARPAT 135:350652

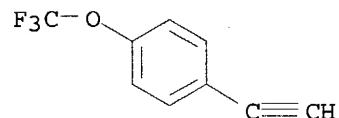
IT 160542-02-9

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of Ph acetylenic compound having cyclopropane- or alkenyl-terminated backbone for LCD liquid crystal composition)

RN 160542-02-9 CAPLUS

CN Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L14 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2001:38472 CAPLUS

DN 134:108107

TI Phenylethynyl naphthalene derivative for liquid crystal composition for liquid crystal display device

IN Osawa, Masashi; Takehara, Sadao; Takatsu, Haruyoshi

PA Dainippon Ink and Chemicals, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 43 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 2001011004	A2	20010116	JP 1999-185440	19990630
PRAI	JP 1999-185440		19990630		

OS MARPAT 134:108107

IT 160542-02-9P

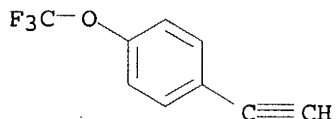
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(Phenylethynyl naphthalene derivative for liquid crystal composition for liquid crystal display device)

RN 160542-02-9 CAPLUS

CN Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

10/669,404



L14 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:715567 CAPLUS

DN 133:289163

TI Phenylacetylene compounds bearing cyclohexyl terminals, liquid crystal compositions, and liquid crystal displays thereof

IN Sekine, Chizu; Fujisawa, Koichi; Minamii, Masayoshi; Konya, Naoto

PA Sumitomo Chemical Co., Ltd., Japan; Agency of Industrial Sciences and Technology; Shin Energy Sangyo Gijutsu Sogo Kaihatsu Kiko

SO Jpn. Kokai Tokkyo Koho, 31 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

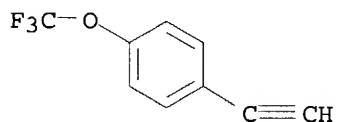
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000281603	A2	20001010	JP 1999-88888	19990330
PRAI	JP 1999-88888		19990330		
OS	MARPAT 133:289163				
IT	160542-02-9				

RL: RCT (Reactant); RACT (Reactant or reagent)

(cyclohexyl-terminated phenylacetylenes, nematic liquid crystal compns., and their displays)

RN 160542-02-9 CAPLUS

CN Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI). (CA INDEX NAME)



L14 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:645754 CAPLUS

DN 133:245104

TI Pattern formation method

IN Kishimura, Shinji; Katsuyama, Akiko; Sasago, Masaru

PA Matsushita Electric Industrial Co., Ltd., Japan

SO Eur. Pat. Appl., 29 pp.

CODEN: EPXXDW

DT Patent

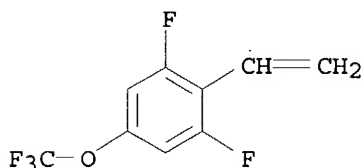
LA English

FAN.CNT 1

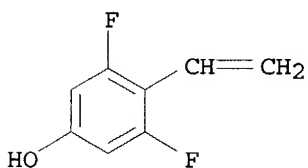
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1035441	A1	20000913	EP 2000-104965	20000308
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2000321774	A2	20001124	JP 2000-40647	20000218
	JP 3305293	B2	20020722		
	JP 2002072487	A2	20020312	JP 2001-214693	20000218
	US 2001049075	A1	20011206	US 2000-520805	20000308

10/669,404

US 6673523 B2 20040106
JP 2002182394 A2 20020626 JP 2001-315598 20011012
JP 3305309 B2 20020722
US 2003091941 A1 20030515 US 2002-164425 20020610
PRAI JP 1999-61184 A 19990309
JP 2000-40647 A3 20000218
US 2000-520805 A3 20000308
IT 293753-52-3
RL: NUU (Other use, unclassified); TEM (Technical or engineered material use); USES (Uses)
(formation of resist pattern for semiconductor device or integrated circuit using resist material containing)
RN 293753-52-3 CAPLUS
CN Phenol, 4-ethenyl-3,5-difluoro-, polymer with 2-ethenyl-1,3-difluoro-5-(trifluoromethoxy)benzene (9CI) (CA INDEX NAME)
CM 1
CRN 293753-51-2
CMF C9 H5 F5 O



CM 2
CRN 293753-16-9
CMF C8 H6 F2 O



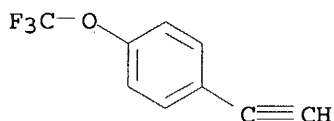
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:561819 CAPLUS
DN 131:177466
TI Phenylacetylene compound and liquid crystal composition containing the same
IN Sekine, Chizu; Fujisawa, Koichi; Konya, Naoto; Minai, Masayoshi
PA Sumitomo Chemical Co., Ltd., Japan
SO Ger. Offen., 62 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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10/669,404

PI DE 19907941 A1 19990826 DE 1999-19907941 19990224
JP 2000198755 A2 20000718 JP 1999-45303 19990223
GB 2334718 A1 19990901 GB 1999-4388 19990225
GB 2334718 B2 20000913
US 6149837 A 20001121 US 1999-257065 19990225
JP 2000219882 A2 20000808 JP 1999-81310 19990325
PRAI JP 1998-43289 A 19980225
JP 1998-309091 A 19981029
JP 1998-335336 A 19981126
OS MARPAT 131:177466
IT 160542-02-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation of phenylacetylene compound for liquid crystal composition)
RN 160542-02-9 CAPLUS
CN Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L14 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:732324 CAPLUS

DN 128:8944

TI Preparation of fluorovinylene derivatives as liquid crystals and liquid crystal composition and liquid crystal device containing them

IN Fujimoto, Yukari; Miyamoto, Yasunobu; Minamii, Masayoshi

PA Sumitomo Chemical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 16 pp.

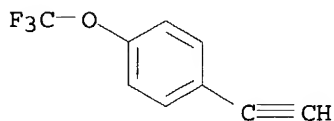
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 09291050	A2	19971111	JP 1996-105648	19960425
PRAI	JP 1996-105648		19960425		
OS	MARPAT 128:8944				
IT	160542-02-9, 4-Ethynyl-1-trifluoromethoxybenzene				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(preparation of fluorovinylene derivs. as liquid crystals and liquid crystal composition and liquid crystal device containing them)				
RN	160542-02-9 CAPLUS				
CN	Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



L14 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1996:288315 CAPLUS

DN 125:22403

TI 1-(4-Cyclohexylphenyl)-2-phenylethane derivative for liquid crystal display device

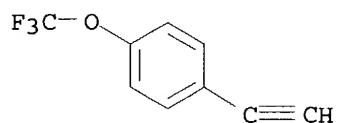
10/669,404

IN Oosawa, Masashi; Takehara, Sadao; Takatsu, Haruyoshi
PA Dainippon Ink & Chemicals, Japan
SO Jpn. Kokai Tokkyo Koho, 16 pp.
CODEN: JKXXAF

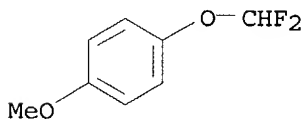
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08040945	A2	19960213	JP 1994-175432	19940727
PRAI	JP 1994-175432		19940727		
OS	MARPAT 125:22403				
IT	160542-02-9				
	RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of deuterated cyclohexylbiphenylethane)				
RN	160542-02-9	CAPLUS			
CN	Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



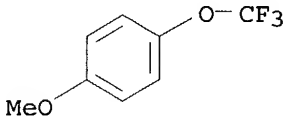
L14 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1966:32338 CAPLUS
DN 64:32338
OREF 64:5969f-g
TI Nuclear magnetic resonance spectra of aryl difluoromethyl ethers
AU Baldwin, John E.; Fenoglio, David J.
CS Univ. of Illinois, Urbana
SO Journal of Physical Chemistry (1966), 70(1), 227-9
CODEN: JPCHAX; ISSN: 0022-3654
DT Journal
LA English
IT 659-33-6, Benzene, 1-(difluoromethoxy)-4-methoxy-
(NMR of)
RN 659-33-6 CAPLUS
CN Benzene, 1-(difluoromethoxy)-4-methoxy- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



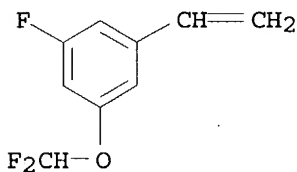
L14 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1965:829 CAPLUS
DN 62:829
OREF 62:127e-f
TI Electronic spectra of aryl trifluoromethyl sulfides, sulfoxides, sulfones, and aryl trifluoromethyl ethers
AU Lutskii, A. E.; Yagupol'skii, L. M.; Volchenok, S. A.
CS Polytech. Inst., Kharkov
SO Zhurnal Obshchei Khimii (1964), 34(8), 2726-35
CODEN: ZOKHA4; ISSN: 0044-460X
DT Journal

10/669,404

LA Unavailable
IT 710-18-9, Benzene, 1-methoxy-4-(trifluoromethoxy)-
(spectrum of)
RN 710-18-9 CAPLUS
CN Benzene, 1-methoxy-4-(trifluoromethoxy)- (7CI, 8CI, 9CI) (CA INDEX NAME)



L14 ANSWER 12 OF 21 USPATFULL on STN
AN 2004:25191 USPATFULL
TI Mandelic acid derivatives and their use as thrombin inhibitors
IN Inghardt, Tord, Molndal, SWEDEN
Johansson, Anders, Molndal, SWEDEN
Svensson, Arne, Molndal, SWEDEN
PI US 2004019033 A1 20040129
AI US 2003-432411 A1 20030521 (10)
WO 2001-SE2657 20011130
PRAI SE 2000-44586 20001201
SE 2001-9653 20010319
SE 2001-12392 20010406
DT Utility
FS APPLICATION
LREP ROPES & GRAY LLP, ONE INTERNATIONAL PLACE, BOSTON, MA, 02110-2624
CLMN Number of Claims: 44
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 5372
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 433939-29-8P, 1-Fluoro-3-difluoromethoxy-5-vinylbenzene
(preparation of mandeloylazetidinecarboxamides as thrombin inhibitors)
RN 433939-29-8 USPATFULL
CN Benzene, 1-(difluoromethoxy)-3-ethenyl-5-fluoro- (9CI) (CA INDEX NAME)



L14 ANSWER 13 OF 21 USPATFULL on STN
AN 2003:133856 USPATFULL
TI Pattern formation method
IN Kishimura, Shinji, Itami-shi, JAPAN
Katsuyama, Akiko, Kyoto-shi, JAPAN
Sasago, Masaru, Hirakata-shi, JAPAN
PA MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., Osaka, JAPAN (non-U.S. corporation)
PI US 2003091941 A1 20030515
AI US 2002-164425 A1 20020610 (10)
RLI Division of Ser. No. US 2000-520805, filed on 8 Mar 2000, PENDING
PRAI JP 1999-61184 19990309
DT Utility

10/669,404

FS APPLICATION

LREP NIXON PEABODY, LLP, 8180 GREENSBORO DRIVE, SUITE 800, MCLEAN, VA, 22102

CLMN Number of Claims: 10

ECL Exemplary Claim: 1

DRWN 7 Drawing Page(s)

LN.CNT 982

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 293753-52-3

(formation of resist pattern for semiconductor device or integrated circuit using resist material containing)

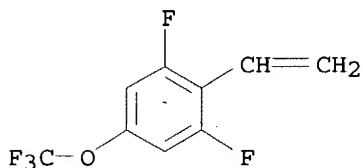
RN 293753-52-3 USPATFULL

CN Phenol, 4-ethenyl-3,5-difluoro-, polymer with 2-ethenyl-1,3-difluoro-5-(trifluoromethoxy)benzene (9CI) (CA INDEX NAME)

CM 1

CRN 293753-51-2

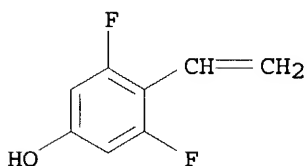
CMF C9 H5 F5 O



CM 2

CRN 293753-16-9

CMF C8 H6 F2 O



L14 ANSWER 14 OF 21 USPATFULL on STN

AN 2003:40689 USPATFULL

TI 2-aryl indole derivative as antagonists of tachykinins

IN Chapman, Kevin Tyler, Scotch Plains, NJ, United States

Dinnell, Kevin, Harlow, UNITED KINGDOM

Elliott, Jason Matthew, Harlow, UNITED KINGDOM

Hollingworth, Gregory John, Harlow, UNITED KINGDOM

Hutchins, Steven Michael, Hillsborough, NJ, United States

Shaw, Duncan Edward, Harlow, UNITED KINGDOM

Willoughby, Christopher Alan, Green Brook, NJ, United States

PA Merck Sharp & Dohme Ltd., Hoddesdon, United States (non-U.S. corporation)

PI US 6518273 B1 20030211

WO 2000051984 20000908

AI US 2001-914893 20010904 (9)

WO 2000-GB650 20000223

PRAI GB 1999-5010 19990304

DT Utility

10/669,404

FS GRANTED

EXNAM Primary Examiner: Bernhardt, Emily

LREP Thies, J. Eric, Winokur, Melvin

CLMN Number of Claims: 6

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 2309

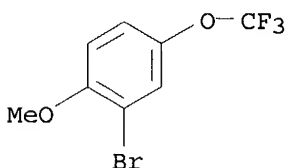
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 200956-14-5P

(preparation of 1-[(2-arylindol-3-yl)-1-oxoalkyl]piperazines as antagonists of tachykinins)

RN 200956-14-5 USPATFULL

CN Benzene, 2-bromo-1-methoxy-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L14 ANSWER 15 OF 21 USPATFULL on STN

AN 2002:81496 USPATFULL

TI Spirocyclic ketones and their use as tachykinin antagonists

IN Kulagowski, Janusz Jozef, Sawbridgeworth, UNITED KINGDOM

PA Merck Sharp & Dohme Ltd., Hoddesdon, United States (non-U.S. corporation)

PI US 6372754 B1 20020416

WO 2000047562 20000817

AI US 2001-913059 20010808 (9)

WO 2000-GB379 20000208

20010808 PCT 371 date

PRAI GB 1999-28813 19990209

DT Utility

FS GRANTED

EXNAM Primary Examiner: Aulakh, Charandit S.

LREP Thies, J. Eric, Rose, David L.

CLMN Number of Claims: 17

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 2430

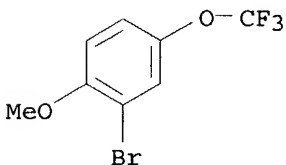
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 200956-14-5, 2-Bromo-4-trifluoromethoxyanisole

(starting material; preparation of 3-aryl-6-phenyl-7-azaspiro[4.5]decan-1-one tachykinin antagonists by cyclization of 2-Ph-3-(3-phenylsulfoxypropyl)piperidine-3-carboxylates followed by Grignard addition of aryl halides)

RN 200956-14-5 USPATFULL

CN Benzene, 2-bromo-1-methoxy-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

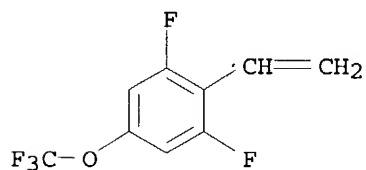


10/669,404

L14 ANSWER 16 OF 21 USPATFULL on STN
AN 2001:223858 USPATFULL
TI Pattern formation method
IN Kishimura, Shinji, Hyogo, Japan
Katsuyama, Akiko, Kyoto, Japan
Sasago, Masaru, Osaka, Japan
PI US 2001049075 A1 20011206
US 6673523 B2 20040106
AI US 2000-520805 A1 20000308 (9)
PRAI JP 1999-61184 19990309
DT Utility
FS APPLICATION
LREP NIXON PEABODY, LLP, 8180 GREENSBORO DRIVE, SUITE 800, MCLEAN, VA, 22102
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN 7 Drawing Page(s)
LN.CNT 1028
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 293753-52-3
(formation of resist pattern for semiconductor device or integrated
circuit using resist material containing)
RN 293753-52-3 USPATFULL
CN Phenol, 4-ethenyl-3,5-difluoro-, polymer with 2-ethenyl-1,3-difluoro-5-
(trifluoromethoxy)benzene (9CI) (CA INDEX NAME)

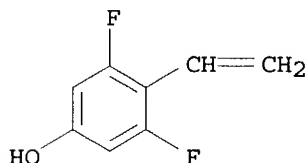
CM 1

CRN 293753-51-2
CMF C9 H5 F5 O



CM 2

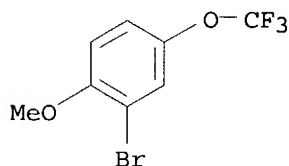
CRN 293753-16-9
CMF C8 H6 F2 O



L14 ANSWER 17 OF 21 USPATFULL on STN
AN 2001:52070 USPATFULL
TI Substituted 3-(benzylamino)piperidine derivatives and their use as
therapeutic agents
IN Elliott, Jason Matthew, Felsted, United Kingdom
PA Merck Sharp & Dohme Limited, Hoddesdon, United States (non-U.S.)

10/669,404

corporation)
PI US 6214846 B1 20010410
WO 9900368 19990107
AI US 1999-445664 19991209 (9)
WO 1998-GB1856 19980623
19991209 PCT 371 date
19991209 PCT 102(e) date
PRAI GB 1997-13715 19970627
GB 1997-20998 19971003
DT Utility
FS Granted
EXNAM Primary Examiner: Chang, Ceila
LREP Thies, J. Eric, Rose, David L.
CLMN Number of Claims: 9
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1317
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 200956-14-5P, 2-Bromo-4-trifluoromethoxyanisole
(preparation of spiro-piperidine derivs. and their use as therapeutic agents)
RN 200956-14-5 USPATFULL
CN Benzene, 2-bromo-1-methoxy-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



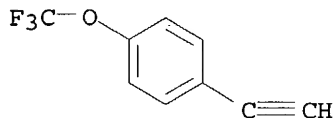
L14 ANSWER 18 OF 21 USPATFULL on STN
AN 2000:156893 USPATFULL
TI Phenylacetylene compound and liquid crystal composition comprising the same
IN Sekine, Chizu, Tsukuba, Japan
Fujisawa, Koichi, Tsukuba, Japan
Konya, Naoto, Takatsuki, Japan
Minai, Masayoshi, Moriyama, Japan
PA Sumitomo Chemical Company, Limited, Osaka, Japan (non-U.S. corporation)
Agency of Industrial Science and Technology, Tokyo, Japan (non-U.S. corporation)
New Energy and Industrial Technology Development Organization, Tokyo, Japan (non-U.S. corporation)
PI US 6149837 20001121
AI US 1999-257065 19990225 (9)
PRAI JP 1998-43289 19980225
JP 1998-309091 19981029
JP 1998-335336 19981126
DT Utility
FS Granted
EXNAM Primary Examiner: Kelly, C. H.
LREP Birch, Stewart, Kolasch & Birch, LLP
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 2058
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 160542-02-9P

10/669,404

(preparation of phenylacetylene compound for liquid crystal composition)

RN 160542-02-9 USPATFULL

CN Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L14 ANSWER 19 OF 21 USPATFULL on STN

AN 2000:70857 USPATFULL

TI Spiro-piperidine derivatives and their use as therapeutic agents

IN Curtis, Neil Roy, Puckeridge, United Kingdom

Huscroft, Ian Thomas, Bishops Stortford, United Kingdom

Kulagowski, Janusz Jozef, Sawbridgeworth, United Kingdom

Swain, Christopher John, Duxford, United Kingdom

PA Merck Sharp & Dohme, Ltd., Hoddesdon, United Kingdom (non-U.S. corporation)

PI US 6071928 20000606

WO 9801450 19980115

AI US 1998-202551 19981216 (9)

WO 1997-GB1710 19970624

19981216 PCT 371 date

19981216 PCT 102(e) date

PRAI GB 1996-13969 19960703

DT Utility

FS Granted

EXNAM Primary Examiner: Kight, John; Assistant Examiner: Robinson, Binta

LREP Thies, J. Eric, Rose, David L.

CLMN Number of Claims: 21

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 3154

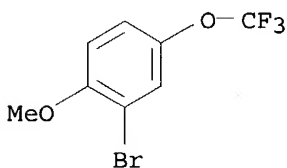
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 200956-14-5P

(Preparation and therapeutic uses of spiropiperidine derivs.)

RN 200956-14-5 USPATFULL

CN Benzene, 2-bromo-1-methoxy-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L14 ANSWER 20 OF 21 USPATFULL on STN

AN 2000:70856 USPATFULL

TI Spiro-piperidine derivatives and their use as therapeutic agents

IN Baker, Raymond, Uley, United Kingdom

Curtis, Neil Roy, Puckeridge, United Kingdom

Elliott, Jason Matthew, Felsted, United Kingdom

Harrison, Timothy, Great Dunmow, United Kingdom

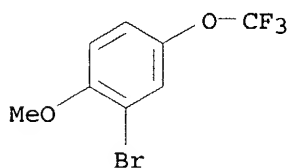
Hollingworth, Gregory John, Brentwood, United Kingdom

Jackson, Philip Stephen, Grantham, United Kingdom

Kulagowski, Janusz Jozef, Sawbridgeworth, United Kingdom

10/669,404

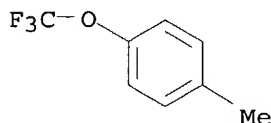
Seward, Eileen Mary, Bishops Stortford, United Kingdom
Swain, Christopher John, Duxford, United Kingdom
Williams, Brian John, Great Dunmow, United Kingdom
PA Merck Sharp & Dohme Ltd., Hoddesdon, United Kingdom (non-U.S.
corporation)
PI US 6071927 20000606
WO 9749710 19971231
AI US 1998-202493 19981216 (9)
WO 1997-GB1630 19970617
19981216 PCT 371 date
19981216 PCT 102(e) date
PRAI GB 1996-13108 19960621
GB 1996-25051 19961202
GB 1996-26593 19961220
GB 1997-1459 19970124
GB 1997-10743 19970523
GB 1997-10747 19970523
GB 1997-10748 19970523
DT Utility
FS Granted
EXNAM Primary Examiner: Kight, John; Assistant Examiner: Aulakh, Charanjit S.
LREP Thies, J. Eric, Rose, David L.
CLMN Number of Claims: 24
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 7202
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 200956-14-5P, 2-Bromo-4-trifluoromethoxyanisole
(preparation of spiro-piperidine derivs. and their use as therapeutic
agents)
RN 200956-14-5 USPATFULL
CN Benzene, 2-bromo-1-methoxy-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L14 ANSWER 21 OF 21 USPATFULL on STN
AN 82:25485 USPATFULL
TI Process for the monohalogenation of alkylbenzenes in the
 α -position and new alkylbenzenes monohalogenated in the
 α -position
IN Schubart, Rudiger, Bergisch-Gladbach, Germany, Federal Republic of
Klauke, Erich, Odenthal, Germany, Federal Republic of
Naumann, Klaus, Cologne, Germany, Federal Republic of
Fuchs, Rainer, Wuppertal, Germany, Federal Republic of
PA Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
(non-U.S. corporation)
PI US 4331821 19820525
AI US 1980-209765 19801124 (6)
RLI Continuation of Ser. No. US 1979-78991, filed on 26 Sep 1979, now
abandoned
PRAI DE 1978-2844270 19781011
DT Utility
FS Granted
EXNAM Primary Examiner: Davis, Curtis R.

10/669,404

LREP Sprung, Horn, Kramer & Woods
CLMN Number of Claims: 11
ECL Exemplary Claim: 1
DRWN 1 Drawing Figure(s); 1 Drawing Page(s)
LN.CNT 485
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 706-27-4
(side-chain chlorination of)
RN 706-27-4 USPATFULL
CN Benzene, 1-methyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	95.05	564.82

FILE 'STNGUIDE' ENTERED AT 19:52:02 ON 15 NOV 2004
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov 12, 2004 (20041112/UP).

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.36	565.18

FILE 'REGISTRY' ENTERED AT 19:55:25 ON 15 NOV 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4
DICTIONARY FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>Testing the current file.... screen

10/669,404

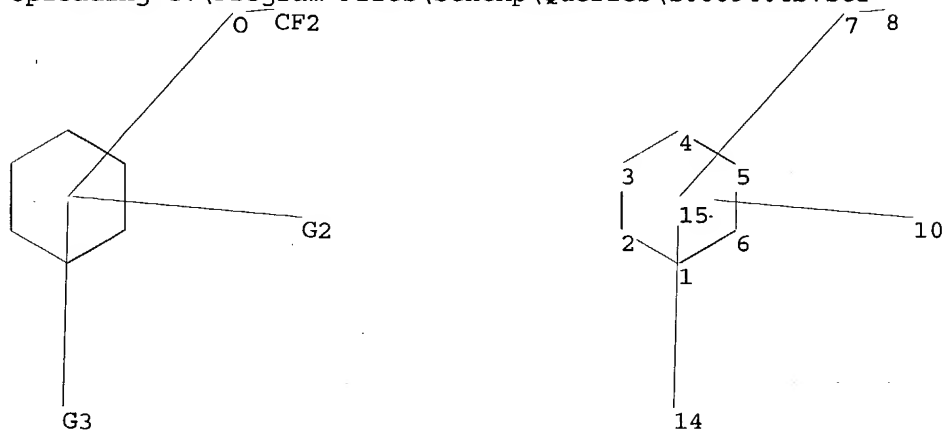
ENTER SCREEN EXPRESSION OR (END):end

=> screen 1304 OR 1700 OR 1826 OR 1836 OR 1992 OR 2016 OR 2021 OR 2026 OR 1839

L15 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\10669404b.str



chain nodes :

7 8 10 14

ring nodes :

1 2 3 4 5 6

chain bonds :

7-8

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact bonds :

7-8

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G2:CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH2,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 14:CLASS 15:CLASS

L16 STRUCTURE UPLOADED

=> que L16 NOT L15

L17 QUE L16 NOT L15

10/669,404

=> s l17

SAMPLE SEARCH INITIATED 19:56:01 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 111 TO ITERATE

100.0% PROCESSED 111 ITERATIONS 47 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1588 TO 2852
PROJECTED ANSWERS: 528 TO 1350

L18 47 SEA SSS SAM L16 NOT L15

=> s l17 ful

FULL SEARCH INITIATED 19:56:07 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2402 TO ITERATE

100.0% PROCESSED 2402 ITERATIONS 985 ANSWERS
SEARCH TIME: 00.00.01

L19 985 SEA SSS FUL L16 NOT L15

=> s l17 ful css

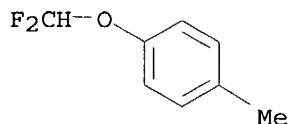
FULL SEARCH INITIATED 19:56:13 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2402 TO ITERATE

100.0% PROCESSED 2402 ITERATIONS (6 INCOMPLETE) 33 ANSWERS
SEARCH TIME: 00.00.01

L20 33 SEA CSS FUL L16 NOT L15

=> d scan

L20 33 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzene, 1-(difluoromethoxy)-4-methyl- (9CI)
MF C8 H8 F2 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus uspatful

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	310.84	876.02

FILE 'CAPLUS' ENTERED AT 19:56:45 ON 15 NOV 2004
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10/669,404

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l20

L21 56 L20

=> dup rem l21

PROCESSING COMPLETED FOR L21

L22 52 DUP REM L21 (4 DUPLICATES REMOVED)

=> d 1-52 ti

L22 ANSWER 1 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Synergistic herbicide compositions containing isoxazolines

L22 ANSWER 2 OF 52 USPATFULL on STN

TI Mandelic acid derivatives and their use as thrombin inhibitors

L22 ANSWER 3 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Preparation of azetidinybenzamidines and related compounds for combination therapy of arrhythmia or coagulation controlled complications thereof.

L22 ANSWER 4 OF 52 USPATFULL on STN

TI Phenyl-substituted cyclic ketonols

L22 ANSWER 5 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI New mandelic acid derivatives and their use as thrombin inhibitors

L22 ANSWER 6 OF 52 USPATFULL on STN

TI 2-Phenyl-substituted heterocyclic 1,3-ketonols as herbicides and pesticides

L22 ANSWER 7 OF 52 USPATFULL on STN

TI Fungicidal arylpyrazoles

L22 ANSWER 8 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Utility of silicon tetrafluoride as a catalyst of reactions with xenon difluoride: fluorinations of phenylalkenes and benzaldehydes

L22 ANSWER 9 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Preparation of 3-phenyl-2,4-dioxopyrrolidine tautomers and analogs as herbicides and pesticides

L22 ANSWER 10 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Difluoromethylation of lignin and its models

L22 ANSWER 11 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Selective, room temperature, high yield conversion of benzaldehydes to difluoromethoxy benzene derivatives using xenon difluoride

L22 ANSWER 12 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Synthesis of polyacetylene on an oriented poly(tetrafluoroethylene) support

L22 ANSWER 13 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Fungicidal arylpyrazoles and their preparation, compositions, and use

L22 ANSWER 14 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Method of preparing alcohol or phenol difluoromethyl ethers

L22 ANSWER 15 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Photolysis of flucythrinate

- L22 ANSWER 16 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Dielectric liquid crystal compositions containing difluoromethyl compounds
- L22 ANSWER 17 OF 52 USPATFULL on STN
 TI Diethers of m- or p-hydroxyphenol
- L22 ANSWER 18 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Synthesis of 2,2-dimethyl-3-(4-difluoromethoxyphenyl)cyclopropanecarboxylic acid benzyl esters as cyclic analogs of the pyrethroid flucythrinate
- L22 ANSWER 19 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
 TI 3-(Fluoroalkoxy)benzoyl halides as intermediates for herbicides
- L22 ANSWER 20 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Fluorine-containing amino acids. VII. Polyfluoroalkoxy and polyfluoromethylthio derivatives of phenylalanine
- L22 ANSWER 21 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
 TI A simple convenient method for preparation of difluoromethyl ethers using (fluorosulfonyl)difluoroacetic acid as a difluorocarbene precursor
- L22 ANSWER 22 OF 52 USPATFULL on STN
 TI Fluoroalkoxy substituted benzimidazoles useful as gastric acid secretion inhibitors
- L22 ANSWER 23 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Improvement of the synthesis of aryl difluoromethyl ethers and thio ethers by using a solid-liquid phase-transfer technique
- L22 ANSWER 24 OF 52 USPATFULL on STN
 TI Picoline derivative useful as gastric acid secretion inhibitors
- L22 ANSWER 25 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Picoline derivatives, their utilization, and drugs containing them
- L22 ANSWER 26 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Benzimidazole derivatives and antiulcer drugs containing them
- L22 ANSWER 27 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
 TI [[Dialkoxypyridyl)methyl]thio]benzimidazoles
- L22 ANSWER 28 OF 52 USPATFULL on STN
 TI 4H-3,1-Benzoxazine derivatives
- L22 ANSWER 29 OF 52 USPATFULL on STN
 TI Fluoroalkoxy substituted benzimidazoles useful as gastric acid secretion inhibitors
- L22 ANSWER 30 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Fluoroalkoxy compounds
- L22 ANSWER 31 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Aryl difluoromethyl ethers
- L22 ANSWER 32 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
 TI (Difluoromethoxy)- or (difluoromethylthio)arenes
- L22 ANSWER 33 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Resolution of racemic 2-(p-difluoromethoxyphenyl)-3-methylbutyric acid
- L22 ANSWER 34 OF 52 USPATFULL on STN

- TI Method for the resolution of racemic 2-(p-difluoromethoxyphenyl)-3-methylbutyric acid
- L22 ANSWER 35 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2
TI Difluoromethoxyaromatic compounds
- L22 ANSWER 36 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3
TI Difluoromethoxyaromatic compounds
- L22 ANSWER 37 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 4
TI Difluoromethoxyaromatic compounds
- L22 ANSWER 38 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Monoether or diether of m- or p-hydroxyphenols
- L22 ANSWER 39 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Difluoromethoxy derivatives of benzoic acid and benzaldehyde
- L22 ANSWER 40 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI 1-(Fluoroalkoxyphenyl)-2-hydroxy-1-alkanone acetals
- L22 ANSWER 41 OF 52 USPATFULL on STN
TI 4H-3,1-Benzoxazine derivatives
- L22 ANSWER 42 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Reactivity of the perhaloalkanes CF₂BrX (X = Cl, Br) with nucleophiles. Part 5. Condensation with potassium 2-allylphenoxide; evidence for difluorocarbene formation
- L22 ANSWER 43 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Synthesis of aromatic compounds containing bromodifluoromethoxy and bromodifluorothiometoxy groups. II. Action of dibromodifluoromethane and bromochlorodifluoromethane on substituted potassium thiophenoxides and phenoxides
- L22 ANSWER 44 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI 4H-3,1-Benzoxazine derivatives
- L22 ANSWER 45 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluorinated alkoxybenzyl chlorides
- L22 ANSWER 46 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI α -(1-Benzyl-3-indolyl)alkanecarboxylic acids
- L22 ANSWER 47 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Indolyl aliphatic acids
- L22 ANSWER 48 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Nuclear magnetic resonance spectra of aryl difluoromethyl ethers
- L22 ANSWER 49 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Indolyl aliphatic acids
- L22 ANSWER 50 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Synthetic application of difluorocarbenes. I. Preparation of some aryl difluoromethyl ethers, thio ethers, and sulfones
- L22 ANSWER 51 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Proton magnetic resonance (P.M.R.) investigation of the difluoromethyl group
- L22 ANSWER 52 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

10/669,404

TI Preparation of aryl difluoromethyl ethers

=> d 16,30,31,35,52 bib fhitstr

L22 ANSWER 16 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1992:31596 CAPLUS

DN 116:31596

TI Dielectric liquid crystal compositions containing difluoromethyl compounds

IN Prass, Ellen; Eidenschink, R.

PA Nematel, Germany

SO Ger. Offen., 6 pp..

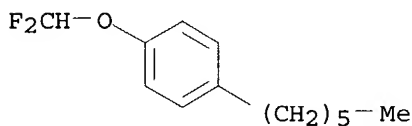
CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3904817	A1	19900920	DE 1989-3904817	19890217
PRAI	DE 1989-3904817		19890217		
OS	MARPAT 116:31596				
IT	138171-52-5P				
	RL: PREP (Preparation)				
	(preparation of, as liquid crystal, for optical shutter)				
RN	138171-52-5 CAPLUS				
CN	Benzene, 1-(difluoromethoxy)-4-hexyl- (9CI) (CA INDEX NAME)				



L22 ANSWER 30 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1985:560504 CAPLUS

DN 103:160504

TI Fluoroalkoxy compounds

IN Senn-Bilfinger, Joerg; Schaeffer, Hartmann; Figala, Volker; Kurt, Klemm; Klemm, Kurt; Hartmann, Schaeffer; Et, Al.

PA Byk-Gulden Lomberg Chemische Fabrik G.m.b.H., Fed. Rep. Ger.

SO S. African, 51 pp.

CODEN: SFXXAB

DT Patent

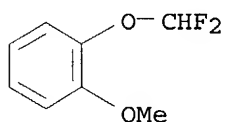
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	ZA 8403288	A	19841224	ZA 1984-3288	19840503
	IL 71664	A1	19871130	IL 1984-71664	19840427
	HU 195220	B	19880428	HU 1986-4147	19840427
	AU 8427500	A1	19841108	AU 1984-27500	19840430
	AU 579316	B2	19881124		
	DK 8402171	A	19841104	DK 1984-2171	19840501
	US 4555518	A	19851126	US 1984-606872	19840501
	NO 8401754	A	19841105	NO 1984-1754	19840502
	JP 59206379	A2	19841122	JP 1984-87967	19840502
	JP 05072391	B4	19931012		
	FI 8401759	A	19841104	FI 1984-1759	19840503
	EP 134400	A2	19850320	EP 1984-104993	19840503
	EP 134400	A3	19851211		

10/669,404

EP 134400 B1 19930324
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE
ES 532149 A1 19860301 ES 1984-532149 19840503
AT 87311 E 19930415 AT 1984-104993 19840503
ES 545145 A1 19860116 ES 1985-545145 19850712
JP 05086037 A2 19930406 JP 1992-65838 19920324
JP 05087508 B4 19931216
PRAI CH 1983-2401 19830503
EP 1984-104993 19840503
IT 97963-81-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and nitration of)
RN 97963-81-0 CAPLUS
CN Benzene, 1-(difluoromethoxy)-2-methoxy- (9CI) (CA INDEX NAME)



L22 ANSWER 31 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1985:78548 CAPLUS

DN 102:78548

TI Aryl difluoromethyl ethers

PA Showa Denko K. K., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

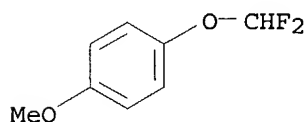
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 59157041	A2	19840906	JP 1983-30886	19830228
	JP 01004501	B4	19890125		
PRAI	JP 1983-30886		19830228		

IT 659-33-6P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 659-33-6 CAPLUS

CN Benzene, 1-(difluoromethoxy)-4-methoxy- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



L22 ANSWER 35 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2

AN 1984:22412 CAPLUS

DN 100:22412

TI Difluoromethoxyaromatic compounds

IN Siddens, Jack K.

PA American Cyanamid Co., USA

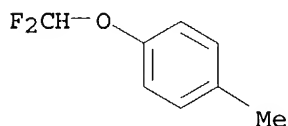
SO U.S., 4 pp.

CODEN: USXXAM

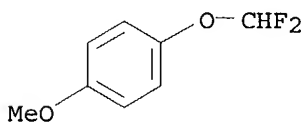
10/669,404

DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4407760	A	19831004	US 1982-420169	19820920
	EP 101570	A1	19840229	EP 1983-107272	19830725
	EP 101570	B1	19880127		
	R: BE, CH, DE, FR, GB, IT, LI, NL, SE				
	JP 59059640	A2	19840405	JP 1983-150419	19830819
	JP 04066854	B4	19921026		
	BR 8304515	A	19840403	BR 1983-4515	19830822
	HU 32323	O	19840730	HU 1983-2944	19830822
	ES 525084	A1	19850601	ES 1983-525084	19830822
	CA 1203549	A1	19860422	CA 1983-435107	19830822
	ES 540795	A1	19851201	ES 1985-540795	19850228
	ES 540794	A1	19860516	ES 1985-540794	19850228
PRAI	US 1982-410805		19820823		
	US 1982-420164		19820920		
	US 1982-420169		19820920		
	US 1982-420170		19820920		
IT	1583-83-1P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN	1583-83-1 CAPLUS				
CN	Benzene, 1-(difluoromethoxy)-4-methyl- (9CI) (CA INDEX NAME)				



L22 ANSWER 52 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1961:76024 CAPLUS
DN 55:76024
OREF 55:14396d-g
TI Preparation of aryl difluoromethyl ethers
AU Miller, Thomas G.; Thanassi, John W.
CS Lafayette Coll., Easton, PA
SO Journal of Organic Chemistry (1960), 25, 2009-12
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA Unavailable
OS CASREACT 55:76024
IT 659-33-6, Benzene, 1-(difluoromethoxy)-4-methoxy-
(preparation of)
RN 659-33-6 CAPLUS
CN Benzene, 1-(difluoromethoxy)-4-methoxy- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



10/669,404

=> s (l10 or l19) and (electronic or device or display)
L23 218 (L10 OR L19) AND (ELECTRONIC OR DEVICE OR DISPLAY)

=> dup rem l23
PROCESSING COMPLETED FOR L23
L24 217 DUP REM L23 (1 DUPLICATE REMOVED)

=> d 1-217 ti

L24 ANSWER 1 OF 217 USPATFULL on STN
TI Fused azabicyclic compounds that inhibit vanilloid receptor subtype 1 (VR1) receptor

L24 ANSWER 2 OF 217 USPATFULL on STN
TI Quinoline and quinoxaline compounds

L24 ANSWER 3 OF 217 USPATFULL on STN
TI Ortho-substituted aryl amides for controlling invertebrate pests

L24 ANSWER 4 OF 217 USPATFULL on STN
TI Cyclic derivatives as modulators of chemokine receptor activity

L24 ANSWER 5 OF 217 USPATFULL on STN
TI N-aroyle cyclic amine derivatives as orexin receptor antagonists

L24 ANSWER 6 OF 217 USPATFULL on STN
TI Methods and compounds for inhibiting MRP1

L24 ANSWER 7 OF 217 USPATFULL on STN
TI Anilinopyrazole derivatives useful for the treatment of diabetes

L24 ANSWER 8 OF 217 USPATFULL on STN
TI Fused azabicyclic compounds that inhibit vanilloid receptor subtype 1 (VR1) receptor

L24 ANSWER 9 OF 217 USPATFULL on STN
TI Compounds

L24 ANSWER 10 OF 217 USPATFULL on STN
TI Insecticidal anthranilamides

L24 ANSWER 11 OF 217 USPATFULL on STN
TI New compounds

L24 ANSWER 12 OF 217 USPATFULL on STN
TI Novel mandelic acid derivatives

L24 ANSWER 13 OF 217 USPATFULL on STN
TI N-substituted piperidine derivatives as serotonin receptor agents

L24 ANSWER 14 OF 217 USPATFULL on STN
TI Heterocyclic diamide invertebrate pest control agents

L24 ANSWER 15 OF 217 USPATFULL on STN
TI 3-Pyrrol-pyridopyrazoles and 3-pyrrolyl-indazoles as novel kinase inhibitors

L24 ANSWER 16 OF 217 USPATFULL on STN
TI Novel aminophenyl piperazine or aminophenyl piperidine derivatives inhibiting prenyl transferase proteins and method for preparing same

L24 ANSWER 17 OF 217 USPATFULL on STN

10/669,404

- TI Method of forming resist patterns in a semiconductor device and a semiconductor washing liquid used in said method
- L24 ANSWER 18 OF 217 USPATFULL on STN
TI (R)-chiral halogenated 1-substitutedamino-(n+1)-alkanols useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 19 OF 217 USPATFULL on STN
TI Homo-camptothecin derivatives
- L24 ANSWER 20 OF 217 USPATFULL on STN
TI Treatment of insulin resistance syndrome and type 2 diabetes with PDE9 inhibitors
- L24 ANSWER 21 OF 217 USPATFULL on STN
TI Phosphate transport inhibitors
- L24 ANSWER 22 OF 217 USPATFULL on STN
TI Mandelic acid derivatives and their use as thrombin inhibitors
- L24 ANSWER 23 OF 217 USPATFULL on STN
TI Aporphine esters and their use in therapy
- L24 ANSWER 24 OF 217 USPATFULL on STN
TI Novel compounds and compositions as cathepsin S inhibitors
- L24 ANSWER 25 OF 217 USPATFULL on STN
TI Novel compounds and their use
- L24 ANSWER 26 OF 217 USPATFULL on STN
TI Alkoxy aryl beta2 adrenergic receptor agonists
- L24 ANSWER 27 OF 217 USPATFULL on STN
TI Pyrazolopyrimidines as therapeutic agents
- L24 ANSWER 28 OF 217 USPATFULL on STN
TI Benzimidazole compounds and their use as estrogen agonists/antagonists
- L24 ANSWER 29 OF 217 USPATFULL on STN
TI 5-HT1f agonist
- L24 ANSWER 30 OF 217 USPATFULL on STN
TI Substituted N,N-bis-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 31 OF 217 USPATFULL on STN
TI Nitrogen-containing heterocyclic compounds
- L24 ANSWER 32 OF 217 USPATFULL on STN
TI Insecticidal anthranilamides
- L24 ANSWER 33 OF 217 USPATFULL on STN
TI Glucagon antagonists/inverse agonists
- L24 ANSWER 34 OF 217 USPATFULL on STN
TI PDE9 inhibitors for treating cardiovascular disorders
- L24 ANSWER 35 OF 217 USPATFULL on STN
TI Chemical compounds
- L24 ANSWER 36 OF 217 USPATFULL on STN
TI Novel aromatic compounds

- L24 ANSWER 37 OF 217 USPATFULL on STN
 TI Use of compounds having combined dopamine d2, 5-ht1a and alpha adrenoreceptor agonistic action for treating cns disorders
- L24 ANSWER 38 OF 217 USPATFULL on STN
 TI New nitromethyl ketones, process for preparing them and compositions containing them
- L24 ANSWER 39 OF 217 USPATFULL on STN
 TI Spirocyclic ligands for sigma receptors, and libraries and methods of use thereof
- L24 ANSWER 40 OF 217 USPATFULL on STN
 TI Spiroazacyclic compounds as monoamine receptor modulators
- L24 ANSWER 41 OF 217 USPATFULL on STN
 TI Cinnamide derivatives as KCNQ potassium channel modulators
- L24 ANSWER 42 OF 217 USPATFULL on STN
 TI Fused azabicyclic compounds that inhibit vanilloid receptor subtype 1 (VR1) receptor
- L24 ANSWER 43 OF 217 USPATFULL on STN
 TI Fused azabicyclic compounds that inhibit vanilloid receptor subtype 1 (VR1) receptor
- L24 ANSWER 44 OF 217 USPATFULL on STN
 TI P-chiral phospholanes and phosphocyclic compounds and their use in asymmetric catalytic reactions
- L24 ANSWER 45 OF 217 USPATFULL on STN
 TI Inhibitors of glycogen synthase kinase 3
- L24 ANSWER 46 OF 217 USPATFULL on STN
 TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 47 OF 217 USPATFULL on STN
 TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 48 OF 217 USPATFULL on STN
 TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 49 OF 217 USPATFULL on STN
 TI Antibacterial agents
- L24 ANSWER 50 OF 217 USPATFULL on STN
 TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 51 OF 217 USPATFULL on STN
 TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 52 OF 217 USPATFULL on STN
 TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 53 OF 217 USPATFULL on STN

- TI Methods and compounds for inhibiting mrp1
- L24 ANSWER 54 OF 217 USPATFULL on STN
 TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 55 OF 217 USPATFULL on STN
 TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 56 OF 217 USPATFULL on STN
 TI Pattern formation method
- L24 ANSWER 57 OF 217 USPATFULL on STN
 TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 58 OF 217 USPATFULL on STN
 TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 59 OF 217 USPATFULL on STN
 TI (R)-chiral halogenated substituted N,N-bis-benzyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 60 OF 217 USPATFULL on STN
 TI NITROMETHYL KETONES, PROCESS FOR PREPARING THEM AND COMPOSITIONS CONTAINING THEM
- L24 ANSWER 61 OF 217 USPATFULL on STN
 TI CXCR3 antagonists
- L24 ANSWER 62 OF 217 USPATFULL on STN
 TI Process for preparing polyfluoroalkyllithium compounds
- L24 ANSWER 63 OF 217 USPATFULL on STN
 TI Heteropolycyclic compounds and their use as metabotropic glutamate receptor antagonists
- L24 ANSWER 64 OF 217 USPATFULL on STN
 TI CXCR3 antagonists
- L24 ANSWER 65 OF 217 USPATFULL on STN
 TI (R)-chiral halogenated substituted n,n-bis-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 66 OF 217 USPATFULL on STN
 TI (R)-Chiral halogenated substituted fused heterocyclic amino compounds useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 67 OF 217 USPATFULL on STN
 TI Heterocyclo-substituted imidazoles for the treatment of inflammation
- L24 ANSWER 68 OF 217 USPATFULL on STN
 TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 69 OF 217 USPATFULL on STN
 TI (R)-Chiral halogenated substituted heteroaryl benzyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity

10/669,404

- L24 ANSWER 70 OF 217 USPATFULL on STN
TI Pyrazolopyrimidines as therapeutic agents
- L24 ANSWER 71 OF 217 USPATFULL on STN
TI Substituted β -alanine derivatives as cell adhesion inhibitors
- L24 ANSWER 72 OF 217 USPATFULL on STN
TI Aromatic compounds
- L24 ANSWER 73 OF 217 USPATFULL on STN
TI Substituted pyrazoles as p38 kinase inhibitors
- L24 ANSWER 74 OF 217 USPATFULL on STN
TI (R)-chiral halogenated substituted N-phenoxy N-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 75 OF 217 USPATFULL on STN
TI 2-aryl indole derivative as antagonists of tachykinins
- L24 ANSWER 76 OF 217 USPATFULL on STN
TI Glucagon antagonists/inverse agonists
- L24 ANSWER 77 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Phenols Reactions with 1,1-Difluorodichloroethene, 1,2-Di(fluorochloro)ethene, and Trifluorochloroethene
- L24 ANSWER 78 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI A method of forming resist patterns in a semiconductor device and a semiconductor washing liquid used in said method
- L24 ANSWER 79 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Organic electroluminescent element and display devices
- L24 ANSWER 80 OF 217 USPATFULL on STN
TI (R)-chiral halogenated substituted N-benzyl-N-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 81 OF 217 USPATFULL on STN
TI CXCR3 antagonists
- L24 ANSWER 82 OF 217 USPATFULL on STN
TI Substituted N-heteroaryl-N-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 83 OF 217 USPATFULL on STN
TI Inhibitors of glycogen synthase kinase 3
- L24 ANSWER 84 OF 217 USPATFULL on STN
TI Pyrazolopyrimidines as therapeutic agents
- L24 ANSWER 85 OF 217 USPATFULL on STN
TI Novel compounds and their use
- L24 ANSWER 86 OF 217 USPATFULL on STN
TI Substituted N, N-disubstituted diamino compounds useful for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 87 OF 217 USPATFULL on STN
TI Antithrombotic agents

10/669,404

- L24 ANSWER 88 OF 217 USPATFULL on STN
TI Nitrogen-containing heterocyclic compounds
- L24 ANSWER 89 OF 217 USPATFULL on STN
TI Propanoic acid derivatives
- L24 ANSWER 90 OF 217 USPATFULL on STN
TI Compounds and compositions as cathepsin S inhibitors
- L24 ANSWER 91 OF 217 USPATFULL on STN
TI Inhibitors of glycogen synthase kinase 3
- L24 ANSWER 92 OF 217 USPATFULL on STN
TI Use of substituted N, N-bis-benzyl aminoalcohol compounds inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 93 OF 217 USPATFULL on STN
TI Use of substituted N, N-disubstituted cycloalkyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 94 OF 217 USPATFULL on STN
TI Spirocyclic ligands for sigma receptors, and libraries and methods of use thereof
- L24 ANSWER 95 OF 217 USPATFULL on STN
TI Use of substituted N, N-disubstituted reverse aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 96 OF 217 USPATFULL on STN
TI Use of substituted N, N-bis-phenyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 97 OF 217 USPATFULL on STN
TI use of substituted N,N-disubstituted mercapto amino compounds for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 98 OF 217 USPATFULL on STN
TI Substituted N-phenyl-N-heteroaryl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 99 OF 217 USPATFULL on STN
TI Use of substituted N, N-disubstituted fused-heterocyclic amino compounds for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 100 OF 217 USPATFULL on STN
TI Cyclic amine derivatives and their use as drugs
- L24 ANSWER 101 OF 217 USPATFULL on STN
TI Use of substituted N,N-disubstituted non-fused heterocyclic amino compounds for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 102 OF 217 USPATFULL on STN
TI Use of substituted N-phenoxy-N-phenyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 103 OF 217 USPATFULL on STN
TI Use of substituted N-fused-phenyl-N-benzyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity
- L24 ANSWER 104 OF 217 USPATFULL on STN
TI Inhibitors of glycogen synthase kinase 3

- L24 ANSWER 105 OF 217 USPATFULL on STN
 TI Cyclic amine derivatives and their use as drugs
- L24 ANSWER 106 OF 217 USPATFULL on STN
 TI Method of communicating asynchronous elements from a mini-port driver
- L24 ANSWER 107 OF 217 USPATFULL on STN
 TI Spirocyclic ketones and their use as tachykinin antagonists
- L24 ANSWER 108 OF 217 USPATFULL on STN
 TI Cyclic amine derivatives and their use as drugs
- L24 ANSWER 109 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI The trifluoromethoxy group:- a long-range electron-withdrawing substituent
- L24 ANSWER 110 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Synthesis and preliminary pharmacological evaluation of 4'-arylmethyl analogues of clozapine. I. The effect of aromatic substituents
- L24 ANSWER 111 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Phenyl acetylenic compound having cyclopropane- or alkenyl-terminated backbone for LCD liquid crystal composition
- L24 ANSWER 112 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Phenyl p-trifluoromethoxybenzoate and liquid crystalline composition containing the ester
- L24 ANSWER 113 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Cyclohexyl-substituted phenyl p-trifluoromethoxybenzoate and liquid crystalline composition containing the ester
- L24 ANSWER 114 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Phenylethynyl naphthalene derivative for liquid crystal composition for liquid crystal display device
- L24 ANSWER 115 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Phenylacetyl compound for nematic liquid crystal composition suitable for liquid crystal display
- L24 ANSWER 116 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Liquid crystal medium suitable for active matrix liquid crystal display
- L24 ANSWER 117 OF 217 USPATFULL on STN
 TI Pattern formation method
- L24 ANSWER 118 OF 217 USPATFULL on STN
 TI PHENYL POLYHALOALKYL ETHER DERIVATIVES, LIQUID-CRYSTAL COMPOSITION CONTAINING THE SAME, AND LIQUID-CRYSTAL DISPLAY ELEMENT
- L24 ANSWER 119 OF 217 USPATFULL on STN
 TI Propanoic acid derivatives
- L24 ANSWER 120 OF 217 USPATFULL on STN
 TI Antithrombotic agents
- L24 ANSWER 121 OF 217 USPATFULL on STN
 TI Substituted 4-hydroxy-phenylalcanoic acid derivatives with agonist activity to PPAR-gamma
- L24 ANSWER 122 OF 217 USPATFULL on STN
 TI Fluorine-substituted compounds and ferrielectric liquid-crystal.

composition containing the same

- L24 ANSWER 123 OF 217 USPATFULL on STN
- TI Substituted β -amino acid inhibitors of methionine aminopeptidase-2

- L24 ANSWER 124 OF 217 USPATFULL on STN
- TI Substituted 3-(benzylamino)piperidine derivatives and their use as therapeutic agents

- L24 ANSWER 125 OF 217 USPATFULL on STN
- TI 1,3 diazines with platelet-derived growth factor receptor inhibitory activity

- L24 ANSWER 126 OF 217 USPATFULL on STN
- TI Substituted tricyclics

- L24 ANSWER 127 OF 217 USPATFULL on STN
- TI Alkoxybenzene derivative, liquid-crystal composition, and liquid-crystal display element

- L24 ANSWER 128 OF 217 USPATFULL on STN
- TI 1,3 diazines with platelet-derived growth factor receptor inhibitory activity

- L24 ANSWER 129 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Phenylacetylene compounds bearing cyclohexyl terminals, liquid crystal compositions, and liquid crystal displays thereof

- L24 ANSWER 130 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Alignment layer for a liquid crystal device

- L24 ANSWER 131 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Pattern formation method

- L24 ANSWER 132 OF 217 USPATFULL on STN
- TI Polycyclic thiazolidin-2-ylidene amines, process for their preparation, and their use as pharmaceuticals

- L24 ANSWER 133 OF 217 USPATFULL on STN
- TI Phenylacetylene compound and liquid crystal composition comprising the same

- L24 ANSWER 134 OF 217 USPATFULL on STN
- TI Tocolytic oxytocin receptor antagonists

- L24 ANSWER 135 OF 217 USPATFULL on STN
- TI Spiro-piperidine derivatives and their use as therapeutic agents

- L24 ANSWER 136 OF 217 USPATFULL on STN
- TI Spiro-piperidine derivatives and their use as therapeutic agents

- L24 ANSWER 137 OF 217 USPATFULL on STN
- TI Host adapter having paged data buffers for continuously transferring data between a system bus and a peripheral bus

- L24 ANSWER 138 OF 217 USPATFULL on STN
- TI Method and apparatus for securing software to reduce unauthorized use

- L24 ANSWER 139 OF 217 USPATFULL on STN
- TI Nitromethyl ketones, process for preparing them and compositions containing them

10/669,404

- L24 ANSWER 140 OF 217 USPATFULL on STN
TI Methods and compositions for enhancing sensitivity in the analysis of biological-based assays
- L24 ANSWER 141 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Quantitative structure-activity relationship of phenoxy and benzyloxy acid derivatives as antisickling agents
- L24 ANSWER 142 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI 1,3-Phenylene derivative for liquid crystal composition and liquid crystal display element using it
- L24 ANSWER 143 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Phenylacetylene compound and liquid crystal composition containing the same
- L24 ANSWER 144 OF 217 USPATFULL on STN
TI Pyrone derivatives as protease inhibitors and antiviral agents
- L24 ANSWER 145 OF 217 USPATFULL on STN
TI Piperazine oxytocin receptor antagonists
- L24 ANSWER 146 OF 217 USPATFULL on STN
TI Nitromethyl ketones, process for preparing them and compositions containing them
- L24 ANSWER 147 OF 217 USPATFULL on STN
TI Optically active compound of flubrocycythrinate, a process for preparing the same
- L24 ANSWER 148 OF 217 USPATFULL on STN
TI Phenyl spiroethercycloalkyl tachykinin receptor antagonists
- L24 ANSWER 149 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Phenyl polyhaloalkyl ether derivatives, liquid-crystal composition containing the same, and liquid-crystal display element
- L24 ANSWER 150 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of alkoxybenzene derivatives for liquid-crystal composition and liquid-crystal display element
- L24 ANSWER 151 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Racemic benzoate esters, ferrielectric liquid crystal compositions containing them, and active-matrix liquid crystal display
- L24 ANSWER 152 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Racemic benzoate esters, ferrielectric liquid crystal compositions containing them, and active-matrix liquid crystal display
- L24 ANSWER 153 OF 217 USPATFULL on STN
TI Substituted oximes, hydrazones and olefins as neurokinin antagonists
- L24 ANSWER 154 OF 217 USPATFULL on STN
TI Pyrone derivatives as protease inhibitors and antiviral agents
- L24 ANSWER 155 OF 217 USPATFULL on STN
TI Spiroketal derivatives, compositions containing them and their use as therapeutic agents
- L24 ANSWER 156 OF 217 USPATFULL on STN
TI Tocolytic oxytocin receptor antagonists

- L24 ANSWER 157 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Liquid crystal compounds having fluorinated linkages, liquid crystal compositions, and liquid crystal display devices
- L24 ANSWER 158 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Agent for improvement of liquid-crystalline properties and antiferroelectric composition containing it for display
- L24 ANSWER 159 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Preparation of fluorovinylene derivatives as liquid crystals and liquid crystal composition and liquid crystal device containing them
- L24 ANSWER 160 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Fluorostilbenes, their preparation, and liquid crystal compositions and elements containing them
- L24 ANSWER 161 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Silacyclohexane compound and its manufacture, and liquid crystal composition containing same
- L24 ANSWER 162 OF 217 USPATFULL on STN
 TI Substituted oximes, hydrazones and olefins as neurokinin antagonists
- L24 ANSWER 163 OF 217 USPATFULL on STN
 TI Liquid crystalline compound and liquid crystal
- L24 ANSWER 164 OF 217 USPATFULL on STN
 TI Silacyclohexane compounds, preparation thereof, liquid crystal compositions comprising the same, and liquid crystal devices comprising the compositions
- L24 ANSWER 165 OF 217 USPATFULL on STN
 TI Fluorobenzene derivatives and liquid-crystalline medium
- L24 ANSWER 166 OF 217 USPATFULL on STN
 TI Quinoline-4-carbonylguanidine derivatives, process for producing the same and pharmaceutical preparations containing the compounds
- L24 ANSWER 167 OF 217 USPATFULL on STN
 TI Silacyclohexane compounds, a liquid crystal composition comprising the same and a liquid crystal device comprising the composition
- L24 ANSWER 168 OF 217 USPATFULL on STN
 TI Silacyclohexane compounds, a liquid crystal composition comprising the same and a liquid crystal device comprising the composition
- L24 ANSWER 169 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Phenylbenzyl ether derivative for liquid-crystal display devices
- L24 ANSWER 170 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Phenyl benzyl ether derivative mixture for liquid-crystal display device
- L24 ANSWER 171 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI 1-(4-Cyclohexylphenyl)-2-phenylethane derivative for liquid crystal display device
- L24 ANSWER 172 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Novel silacyclohexane compounds and their preparation as components for liquid-crystal compositions
- L24 ANSWER 173 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

- TI Novel silacyclohexane compounds, liquid crystal composition using same for liquid crystal device
- L24 ANSWER 174 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Novel silacyclohexane compounds a liquid crystal composition comprising the same and a liquid crystal device comprising the composition
- L24 ANSWER 175 OF 217 USPATFULL on STN
- TI Azolyl methyl phenyl derivatives having aromatase inhibitory activity
- L24 ANSWER 176 OF 217 USPATFULL on STN
- TI Antitumor compounds
- L24 ANSWER 177 OF 217 USPATFULL on STN
- TI Liquid crystalline compound and liquid crystal composition
- L24 ANSWER 178 OF 217 USPATFULL on STN
- TI 5-(2-oxyphenyl)-pyrrole derivatives as dopamine D.sub.3 receptor antagonists
- L24 ANSWER 179 OF 217 USPATFULL on STN
- TI Photodefinable polymers containing perfluorocyclobutane groups
- L24 ANSWER 180 OF 217 USPATFULL on STN
- TI Fluorobenzene derivatives and liquid-crystalline medium
- L24 ANSWER 181 OF 217 USPATFULL on STN
- TI Halogenation processes in advantageous solvents, and novel bistrifluoromethyl-polyfluoroalkoxybenzenes
- L24 ANSWER 182 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Liquid crystalline compounds and liquid crystal composition
- L24 ANSWER 183 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Preparation of 1,1,2,3,3,3-hexafluoropropyl group-containing liquid-crystal compounds and liquid-crystal formulations containing them
- L24 ANSWER 184 OF 217 USPATFULL on STN
- TI Process for the α -chlorination of aryl ethers
- L24 ANSWER 185 OF 217 USPATFULL on STN
- TI Photodefinable polymers containing perfluorocyclobutane groups
- L24 ANSWER 186 OF 217 USPATFULL on STN
- TI Laminates of polymer shaving perfluorocyclobutane rings
- L24 ANSWER 187 OF 217 USPATFULL on STN
- TI Fluorine-containing alkylsuccinic acid diester, process for preparing the same and use thereof
- L24 ANSWER 188 OF 217 USPATFULL on STN
- TI Difluoromethyl compounds
- L24 ANSWER 189 OF 217 USPATFULL on STN
- TI Imidazodiazepine derivatives
- L24 ANSWER 190 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Diaryl biphenol derivatives and liquid crystal compositions with them
- L24 ANSWER 191 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Liquid-crystal compounds having chlorodifluoromethoxyphenyl end groups, mixtures containing them, and their use for optical or electrooptical

purposes

- L24 ANSWER 192 OF 217 USPATFULL on STN
 TI Substituted phenyl trifluoromethyl ethers

- L24 ANSWER 193 OF 217 USPATFULL on STN
 TI Laminates of polymers having perfluorocyclobutane rings and polymers containing perfluorocyclobutane rings

- L24 ANSWER 194 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Preparation of 2-(3-allyl-4-benzyloxy-5-fluorophenyl)pyrimidines and nematic liquid crystal compositions containing them

- L24 ANSWER 195 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Preparation of trifluoromethyl compounds for super-twisted nematic liquid-crystal display devices

- L24 ANSWER 196 OF 217 USPATFULL on STN
 TI Pyridazinones endowed with insecticidal and acaricidal activity

- L24 ANSWER 197 OF 217 USPATFULL on STN
 TI Perfluorocyclobutane ring-containing polymers

- L24 ANSWER 198 OF 217 USPATFULL on STN
 TI Polybenzazole polymer containing perfluorocyclobutane rings

- L24 ANSWER 199 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Synthesis and reactions of difluoromethoxy and difluorochloromethoxy derivatives of benzene

- L24 ANSWER 200 OF 217 USPATFULL on STN
 TI Perfluorocyclobutane ring-containing polymers

- L24 ANSWER 201 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
 TI Preparation of 5-(thien-2-yl)-2-phenylthiazoles as photoactive insecticides, acaricides, and nematodes

- L24 ANSWER 202 OF 217 USPATFULL on STN
 TI Use of fluoromethylphenols as solvents for LC-polymers, and new fluoromethylphenols

- L24 ANSWER 203 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Substituted phenyltrifluoromethyl ethers and liquid-crystal phases and display devices containing them

- L24 ANSWER 204 OF 217 USPATFULL on STN
 TI Tert-butylphenyl compounds useful as anti-inflammatory agents

- L24 ANSWER 205 OF 217 USPATFULL on STN
 TI 1-hydroxy-2-pyridones, a process for their preparation, and medicaments which contain them, and intermediates formed in the preparation of the 1-hydroxy-2-pyridones

- L24 ANSWER 206 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Electrophotographic copying apparatus

- L24 ANSWER 207 OF 217 USPATFULL on STN
 TI Process for the monohalogenation of alkylbenzenes in the α -position and new alkylbenzenes monohalogenated in the α -position

- L24 ANSWER 208 OF 217 USPATFULL on STN

10/669,404

TI Light-sensitive silver halide materials containing fluorine-containing surfactants

L24 ANSWER 209 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

TI Effects of p-trifluoromethoxy and trifluorothiomethoxy substitution on excited states of phenyl ketones

L24 ANSWER 210 OF 217 USPATFULL on STN

TI Process for the preparation of aryl-1,1,2,2-tetrafluoroethyl ethers

L24 ANSWER 211 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

TI Electronic properties of the 1,1,2-trifluoro-2-chloroethoxy group

L24 ANSWER 212 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

TI Nuclear magnetic resonance spectra of aryl difluoromethyl ethers

L24 ANSWER 213 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

TI Electronic nature of the difluoromethoxy, difluoromethylthio, and difluoromethylsulfonyl groups

L24 ANSWER 214 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

TI Electronic spectra of aryl trifluoromethyl sulfides, sulfoxides, sulfones, and aryl trifluoromethyl ethers

L24 ANSWER 215 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

TI The effect of fluorine substitution on the electronic properties of alkoxy, alkylthio, and alkylsulfonyl groups

L24 ANSWER 216 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

TI Aryl fluoroalkyl ethers and sulfides: Evidence for sulfur d-orbital interaction

L24 ANSWER 217 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

TI Electronic nature of fluorine-containing substituents

=> d

9,11,17,25,35,72,78,79,83,111,114,115,116,118,122,127,130,138,142,143,149,150,157,158,159,160,163,165,168,169,170,177,180,181,182,183,195,202,203,206,211,213,214,215,217 bib fhitstr

L24 ANSWER 9 OF 217 USPATFULL on STN

AN 2004:197393 USPATFULL

TI Compounds

IN Arora, Jalaj, Milton, CANADA

Edwards, Louise, Mississauga, CANADA

Isaac, Methvin, Etoicoke, CANADA

McLeod, Donald A., Salt Lake City, UT, UNITED STATES

Slassi, Abdelmalik, Mississauga, CANADA

Stefanac, Tomislav, Burlington, CANADA

Stormann, Thomas M., Salt Lake City, UT, UNITED STATES

Wensbo, David, Sodertalje, SWEDEN

Xin, Tao, Woodbridge, CANADA

Gyback, Helena, Sodertalje, SWEDEN

Johansson, Martin, Sodertalje, SWEDEN

Kers, Annika, Sodertalje, SWEDEN

Malmberg, John, Sodertalje, SWEDEN

Minidis, Alexander, Sodertalje, SWEDEN

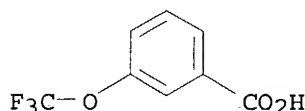
Oscarsson, Karin, Sodertalje, SWEDEN

Waldman, Mangus, Sodertalje, SWEDEN

Yngve, Ulrika, Sodertalje, SWEDEN

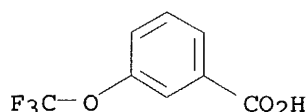
10/669,404

Osterwall, Christoffer, Sodertalje, SWEDEN
PA AstraZeneca and NPS Pharmaceuticals, Inc. (non-U.S. corporation)
PI US 2004152699 A1 20040805
AI US 2003-637012 A1 20030808 (10)
PRAI US 2002-402040P 20020809 (60)
DT Utility
FS APPLICATION
LREP FOLEY AND LARDNER, SUITE 500, 3000 K STREET NW, WASHINGTON, DC, 20007
CLMN Number of Claims: 28
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 10692
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 1014-81-9, 3-Trifluoromethoxybenzoic acid
(preparation of five-membered heterocyclic compds. as mGluR5 receptor antagonists)
RN 1014-81-9 USPATFULL
CN Benzoic acid, 3-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

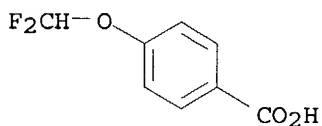


L24 ANSWER 11 OF 217 USPATFULL on STN
AN 2004:172562 USPATFULL
TI New compounds
IN Arora, Jalaj, Milton, CANADA
Edwards, Louise, Mississauga, CANADA
Isaac, Methvin, Etobicoke, CANADA
McLeod, Donald A., Salt Lake City, UT, UNITED STATES
Slassi, Abdelmalik, Mississauga, CANADA
Stefanac, Tomislav, Burlington, CANADA
Stormann, Thomas M., Salt Lake City, UT, UNITED STATES
Wensbo, David, Sodertalje, SWEDEN
Xin, Tao, Woodbridge, CANADA
Kers, Annika, Sodertalje, SWEDEN
Malmberg, Johan, Sodertalje, SWEDEN
Oscarsson, Karin, Sodertalje, SWEDEN
PA AstraZeneca AB and NPS Pharmaceuticals, Inc. (non-U.S. corporation)
PI US 2004132726 A1 20040708
AI US 2003-636965 A1 20030808 (10)
PRAI US 2002-402039P 20020809 (60)
DT Utility
FS APPLICATION
LREP FOLEY AND LARDNER, SUITE 500, 3000 K STREET NW, WASHINGTON, DC, 20007
CLMN Number of Claims: 28
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 4643
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 1014-81-9, 3-Trifluoromethoxybenzoic acid
(reactant; preparation of heterocyclic compds. with affinity to metabotropic glutamate receptors (mGluRs) for prevention and/or treatment of mGluRs receptor-mediated disorders)
RN 1014-81-9 USPATFULL
CN Benzoic acid, 3-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

10/669,404



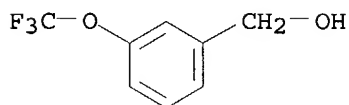
L24 ANSWER 17 OF 217 USPATFULL on STN
AN 2004:94656 USPATFULL
TI Method of forming resist patterns in a semiconductor device
and a semiconductor washing liquid used in said method
IN Hyon, Man-Sok, Gyeonggi-do, KOREA, REPUBLIC OF
PI US 2004072108 A1 20040415
AI US 2003-469175 A1 20030821 (10)
WO 2002-KR188 20020207
PRAI KR 2001-8876 20010222
DT Utility
FS APPLICATION
LREP Jonathan Y Kang, Lee Hong Degerman Kang & Schmadeka, 14th Floor, 801
South Figueroa Street, Los Angeles, CA, 90017
CLMN Number of Claims: 25
ECL Exemplary Claim: 1
DRWN 6 Drawing Page(s)
LN.CNT 545
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 4837-20-1, 4-(difluoromethoxy)benzoic acid
(method of forming resist patterns in semiconductor device and
semiconductor washing liquid used in said method)
RN 4837-20-1 USPATFULL
CN Benzoic acid, 4-(difluoromethoxy)- (9CI) (CA INDEX NAME)



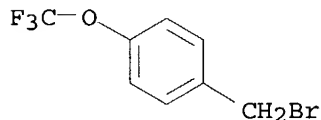
L24 ANSWER 25 OF 217 USPATFULL on STN
AN 2004:19463 USPATFULL
TI Novel compounds and their use
IN Nilsson, Bjorn M., Uppsala, SWEDEN
PA Biovitrum AB, a Swedish corporation (non-U.S. corporation)
PI US 2004014767 A1 20040122
AI US 2003-618868 A1 20030714 (10)
RLI Division of Ser. No. US 2001-989358, filed on 20 Nov 2001, GRANTED, Pat.
No. US 6593330
PRAI SE 2000-4245 20001120
US 2000-253509P 20001128 (60)
DT Utility
FS APPLICATION
LREP FISH & RICHARDSON PC, 225 FRANKLIN ST, BOSTON, MA, 02110
CLMN Number of Claims: 25
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 3005
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 50823-90-0, 3-Trifluoromethoxybenzyl alcohol
(reactant; preparation of piperazinyldiazepines and analogs as serotonin
5HT2C receptor modulators for treatment of CNS disorders)
RN 50823-90-0 USPATFULL

10/669,404

CN Benzenemethanol, 3-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



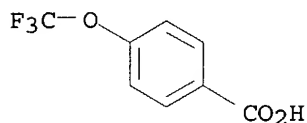
L24 ANSWER 35 OF 217 USPATFULL on STN
AN 2003:266003 USPATFULL
TI Chemical compounds
IN Astles, Peter C., Sevenoaks, UNITED KINGDOM
Eastwood, Paul R., Romford, UNITED KINGDOM
Houille, Olivier, Paris, FRANCE
Levell, Julian, Summit, NJ, UNITED STATES
Pauls, Heinz, Flemington, NJ, UNITED STATES
Czekaj, Mark, Doylestown, PA, UNITED STATES
Liang, Guyan, Woodbridge, NJ, UNITED STATES
Gong, Yong, Bridgewater, NJ, UNITED STATES
Pribish, James, Stewartsville, NJ, UNITED STATES
Neuenschwander, Kent, Bridgewater, NJ, UNITED STATES
PI US 2003187020 A1 20031002
AI US 2001-843126 A1 20010426 (9)
PRAI GB 2000-12362 20000522
DT Utility
FS APPLICATION
LREP AVENTIS PHARMACEUTICALS, INC., PATENTS DEPARTMENT, ROUTE 202-206, P.O.
BOX 6800, BRIDGEWATER, NJ, 08807-0800
CLMN Number of Claims: 72
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 5893
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 50824-05-0, 4-(Trifluoromethoxy)benzyl bromide
(reactant; preparation of (hetero)arylacyl-piperidinyl-benzylamines for use
as tryptase inhibitors)
RN 50824-05-0 USPATFULL
CN Benzene, 1-(bromomethyl)-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 72 OF 217 USPATFULL on STN
AN 2003:184163 USPATFULL
TI Aromatic compounds
IN Kristiansen, Marit, S.o slashed.borg, DENMARK
Jakobsen, Palle, V.ae butted.rl.o slashed.se, DENMARK
Lundbeck, Jane Marie, Glostrup, DENMARK
PA Novo Nordisk A/S, Bagsvaerd, DENMARK (non-U.S. corporation)
PI US 6590118 B1 20030708
AI US 2000-672460 20000928 (9)
PRAI DK 1999-1384 19990929
US 1999-159261P 19991013 (60)
DT Utility
FS GRANTED

10/669,404

EXNAM Primary Examiner: Richter, Johann; Assistant Examiner: Zucker, Paul A.
LREP Agris, Cheryl H., Green, Reza
CLMN Number of Claims: 9
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 2749
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 330-12-1, 4-Trifluoromethoxybenzoic acid
(preparation of phenoxyphthalic acids and esters as antidiabetics)
RN 330-12-1 USPATFULL
CN Benzoic acid, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 78 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:658395 CAPLUS

DN 137:193937

TI A method of forming resist patterns in a semiconductor device
and a semiconductor washing liquid used in said method

IN Hyon, Man-Sok

PA S. Korea

SO PCT Int. Appl., 30 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002067304	A1	20020829	WO 2002-KR188	20020207
	W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	
	RW:			GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	
	KR 2002068679	A	20020828	KR 2001-8876	20010222
	US 2004072108	A1	20040415	US 2003-469175	20030821
PRAI	KR 2001-8876	A	20010222		
	WO 2002-KR188	W	20020207		

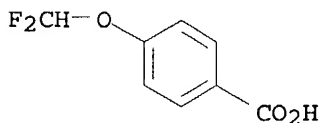
IT 4837-20-1, 4-(Difluoromethoxy)benzoic acid

RL: NUU (Other use, unclassified); USES (Uses)

(method of forming resist patterns in semiconductor device
and semiconductor washing liquid used in said method)

RN 4837-20-1 CAPLUS

CN Benzoic acid, 4-(difluoromethoxy)- (9CI) (CA INDEX NAME)

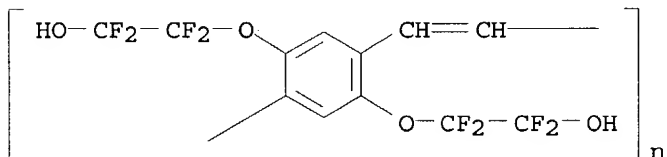


10/669,404

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 79 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:734318 CAPLUS
DN 137:270136
TI Organic electroluminescent element and display devices
IN Naito, Katsuyuki
PA Toshiba Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 17 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002280177	A2	20020927	JP 2001-74540	20010315
PRAI	JP 2001-74540		20010315		
IT	462631-44-3				
	RL: DEV (Device component use); USES (Uses) (organic electroluminescent element and display devices)				
RN	462631-44-3	CAPLUS			
CN	Poly[[2,5-bis(1,1,2,2-tetrafluoro-2-hydroxyethoxy)-1,4-phenylene]-1,2-ethenediyl] (9CI) (CA INDEX NAME)				



L24 ANSWER 83 OF 217 USPATFULL on STN
AN 2002:280641 USPATFULL
TI Inhibitors of glycogen synthase kinase 3
IN Nuss, John M., Danville, CA, UNITED STATES
Harrison, Stephen D., Albany, CA, UNITED STATES
Ring, David B., Palo Alto, CA, UNITED STATES
Boyce, Rustum S., San Francisco, CA, UNITED STATES
Johnson, Kirk, Moraga, CA, UNITED STATES
Pfister, Keith B., San Ramon, CA, UNITED STATES
Ramurthy, Savithri, Walnut Creek, CA, UNITED STATES
Seely, Lynn, Burlingame, CA, UNITED STATES
Wagman, Allan S., Oakland, CA, UNITED STATES
Desai, Manjo, Pleasant Hill, CA, UNITED STATES
Levine, Barry H., Lafayette, CA, UNITED STATES
PI US 2002156087 A1 20021024
AI US 2001-949035 A1 20010906 (9)
RLI Continuation-in-part of Ser. No. US 1999-336038, filed on 18 Jun 1999,
GRANTED, Pat. No. US 6417185
PRAI US 2000-230480P 20000906 (60)
DT Utility
FS APPLICATION
LREP CHRISTENSEN, O'CONNOR, JOHNSON, KINDNESS, PLLC, 1420 FIFTH AVENUE, SUITE
2800, SEATTLE, WA, 98101-2347
CLMN Number of Claims: 103
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 10429

10/669,404

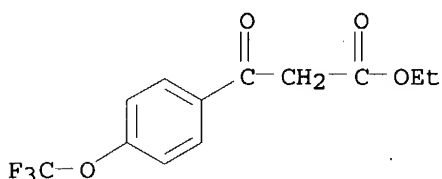
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 252955-06-9, Benzenepropanoic acid, β -oxo-4-(trifluoromethoxy)-, ethyl ester

(preparation of aminopyrimidines and -pyridines as glycogen synthase kinase 3 inhibitors)

RN 252955-06-9 USPATFULL

CN Benzenepropanoic acid, β -oxo-4-(trifluoromethoxy)-, ethyl ester (9CI)
(CA INDEX NAME)



L24 ANSWER 111 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2001:793422 CAPLUS

DN 135:350652

TI Phenyl acetylenic compound having cyclopropane- or alkenyl-terminated backbone for LCD liquid crystal composition

IN Sekine, Chizu; Fujisawa, Koichi; Iwakura, Kazunori; Minamii, Masayoshi

PA Agency of Industrial Sciences and Technology, Japan; Shin Energy Sangyo Gijutsu Sogo Kaihatsu Kiko; Sumitomo Chemical Co., Ltd.

SO Jpn. Kokai Tokkyo Koho, 22 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 2001302579	A2	20011031	JP 2000-124957	20000425
	DE 10120024	A1	20011122	DE 2001-10120024	20010424
	GB 2364050	A1	20020116	GB 2001-10057	20010424
	GB 2364050	B2	20040512		
	US 2001050353	A1	20011213	US 2001-840983	20010425
	US 6623810	B2	20030923		
PRAI	JP 2000-124957	A	20000425		
	JP 2000-124958	A	20000425		
	JP 2000-152867	A	20000524		

OS MARPAT 135:350652

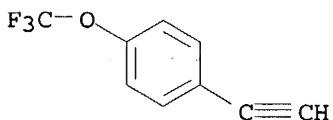
IT 160542-02-9

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of Ph acetylenic compound having cyclopropane- or alkenyl-terminated backbone for LCD liquid crystal composition)

RN 160542-02-9 CAPLUS

CN Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 114 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2001:38472 CAPLUS

DN 134:108107

10/669,404

TI Phenylethynyl naphthalene derivative for liquid crystal composition for liquid crystal display device
IN Osawa, Masashi; Takehara, Sadao; Takatsu, Haruyoshi
PA Dainippon Ink and Chemicals, Inc., Japan
SO Jpn. Kokai Tokkyo Koho, 43 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001011004	A2	20010116	JP 1999-185440	19990630
PRAI	JP 1999-185440		19990630		

OS MARPAT 134:108107

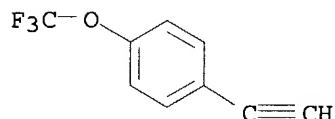
IT 160542-02-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(Phenylethynyl naphthalene derivative for liquid crystal composition for liquid crystal display device)

RN 160542-02-9 CAPLUS

CN Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 115 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2001:850705 CAPLUS

DN 135:378849

TI Phenylacetyl compound for nematic liquid crystal composition suitable for liquid crystal display

IN Sekine, Chizu; Fujisawa, Koichi; Iwakura, Kazunori; Minai, Masayoshi

PA Sumitomo Chemical Co., Ltd., Japan

SO Ger. Offen., 90 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10120024	A1	20011122	DE 2001-10120024	20010424
	JP 2001302579	A2	20011031	JP 2000-124957	20000425
	JP 2001302580	A2	20011031	JP 2000-124958	20000425
	JP 2001329264	A2	20011127	JP 2000-152867	20000524
PRAI	JP 2000-124957	A	20000425		
	JP 2000-124958	A	20000425		
	JP 2000-152867	A	20000524		

OS MARPAT 135:378849

IT 160542-02-9

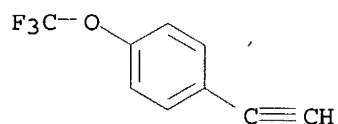
RL: RCT (Reactant); RACT (Reactant or reagent)

(synthesis of new phenylacetyl compound for nematic liquid crystal composition, showing larger refractive index anisotropy, suitable for liquid crystal display)

RN 160542-02-9 CAPLUS

CN Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

10/669,404



L24 ANSWER 116 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2001:136711 CAPLUS

DN 134:186068

TI Liquid crystal medium suitable for active matrix liquid crystal display

IN Kirsch, Peer; Heckmeier, Michael; Krause, Joachim; Schuler, Brigitte

PA Merck Patent G.m.b.H., Germany

SO Ger. Offen., 30 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

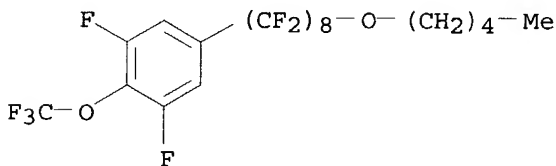
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10018086	A1	20010222	DE 2000-10018086	20000412
PRAI	DE 1999-19918010	A1	19990421		
OS	MARPAT 134:186068				
IT	326602-36-2P				

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(preparation of liquid crystal medium suitable for active matrix liquid crystal display)

RN 326602-36-2 CAPLUS

CN Benzene, 1,3-difluoro-5-[1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-hexadecafluoro-8-(pentyloxy)octyl]-2-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 118 OF 217 USPATFULL on STN

AN 2001:149676 USPATFULL

TI PHENYL POLYHALOALKYL ETHER DERIVATIVES, LIQUID-CRYSTAL COMPOSITION CONTAINING THE SAME, AND LIQUID-CRYSTAL DISPLAY ELEMENT

IN SHIBATA, KOUICHI, CHIBA, Japan

MATSUI, SHUICHI, CHIBA, Japan

MIYAZAWA, KAZUTOSHI, CHIBA, Japan

TAKEUCHI, HIROYUKI, CHIBA, Japan

HISATSUNE, YASUSUKE, CHIBA, Japan

TAKESHITA, FUSAYUKI, CHIBA, Japan

NAKAGAWA, ETSUO, CHIBA, Japan

PI US 2001019121 A1 20010906

AI US 1999-308039 A1 19990713 (9)

WO 1997-JP4114 19971112

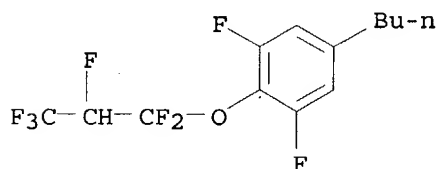
None PCT 102(e) date

PRAI JP 1996-316958 19961113

DT Utility

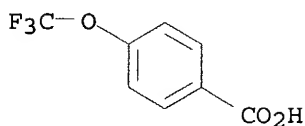
10/669,404

FS APPLICATION
LREP WENDEROOTH LIND & PONACK, 2033 K STREET NW, SUITE 800, WASHINGTON, DC,
20006
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1888
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 207614-76-4
(preparation of Ph polyhaloalkyl ether derivs., liquid-crystal composition
containing
them, and liquid-crystal display element)
RN 207614-76-4 USPATFULL
CN Benzene, 5-butyl-1,3-difluoro-2-(1,1,2,3,3,3-hexafluoropropoxy)- (9CI)
(CA INDEX NAME)

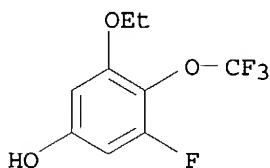


L24 ANSWER 122 OF 217 USPATFULL on STN
AN 2001:107382 USPATFULL
TI Fluorine-substituted compounds and ferrielectric liquid-crystal
composition containing the same
IN Johno, Masahiro, Katsushika-ku, Japan
Motoyama, Yuki, Katsushika-ku, Japan
Matsumoto, Takahiro, Katsushika-ku, Japan
Mineta, Hiroshi, Chiyoda-ku, Japan
Yui, Tomoyuki, Katsushika-ku, Japan
PA Mitsubishi Gas Chemical Company INC, Tokyo, Japan (non-U.S. corporation)
PI US 6258296 B1 20010710
WO 9962860 19991209
AI US 2000-462988 20000119 (9)
WO 1999-JP2838 19990528
20000119 PCT 371 date
20000119 PCT 102(e) date
PRAI JP 1998-149599 19980529
JP 1998-180898 19980626
DT Utility
FS GRANTED
EXNAM Primary Examiner: Wu, Shean C.
CLMN Number of Claims: 16
ECL Exemplary Claim: 5
DRWN 2 Drawing Figure(s); 1 Drawing Page(s)
LN.CNT 551
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 330-12-1, p-Trifluoromethoxybenzoic acid
(fluorine-substituted compds. for ferrielec. liquid-crystal composition)
RN 330-12-1 USPATFULL
CN Benzoic acid, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

10/669,404



L24 ANSWER 127 OF 217 USPATFULL on STN
AN 2001:10616 USPATFULL
TI Alkoxybenzene derivative, liquid-crystal composition, and liquid-crystal display element
IN Matsui, Shuichi, Chiba, Japan
Andou, Tugumiti, Chiba, Japan
Miyazawa, Kazutoshi, Chiba, Japan
Takeuchi, Hiroyuki, Chiba, Japan
Hisatsune, Yasusuke, Chiba, Japan
Takeshita, Fusayuki, Chiba, Japan
Nakagawa, Etsuo, Chiba, Japan
PA Chisso Corporation, Osaka, Japan (non-U.S. corporation)
PI US 6177154 B1 20010123
WO 9812166 19980326
AI US 1999-254682 19990316 (9)
WO 1997-JP3258 19970916
19990316 PCT 371 date
19990316 PCT 102(e) date
PRAI JP 1996-266804 19960917
DT Utility
FS Granted
EXNAM Primary Examiner: Wu, Shean C.
LREP Wenderoth, Lind & Ponack, L.L.P.
CLMN Number of Claims: 22
ECL Exemplary Claim: 16
DRWN No Drawings
LN.CNT 2135
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 204654-96-6P
(preparation of alkoxybenzene derivs. for liquid-crystal composition and liquid-crystal display element)
RN 204654-96-6 USPATFULL
CN Phenol, 3-ethoxy-5-fluoro-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

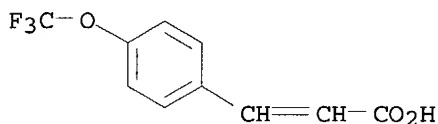


L24 ANSWER 130 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:2053 CAPLUS
DN 134:49283
TI Alignment layer for a liquid crystal device
IN Nam, Mi Sook; Choi, Young Seok
PA LG. Philips LCD Co., Ltd., S. Korea
SO Brit. UK Pat. Appl., 38 pp.
CODEN: BAXXDU
DT Patent
LA English

10/669,404

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2348294	A1	20000927	GB 2000-7431	20000327
	GB 2348294	B2	20020306		
PRAI	KR 1999-10241	A	19990325		
IT	783-13-1DP, reaction products with Hydroxyethyl cellulose RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (alignment layer for liquid crystal display device)				
RN	783-13-1 CAPLUS				
CN	2-Propenoic acid, 3-[4-(trifluoromethoxy)phenyl]- (9CI) (CA INDEX NAME)				



L24 ANSWER 138 OF 217 USPATFULL on STN

AN 2000:39023 USPATFULL

TI Method and apparatus for securing software to reduce unauthorized use

IN Colvin, David S., Commerce Township, Oakland County, MI, United States

PA Z4 Technologies, Inc., Commerce Township, MI, United States (U.S. corporation)

PI US 6044471 20000328

AI US 1998-90620 19980604 (9)

DT Utility

FS Granted

EXNAM Primary Examiner: Beausoliel, Jr., Robert W.; Assistant Examiner: Revak, Christopher A.

LREP Brooks & Kushman P.C.

CLMN Number of Claims: 45

ECL Exemplary Claim: 10

DRWN 6 Drawing Figure(s); 6 Drawing Page(s)

LN.CNT 782

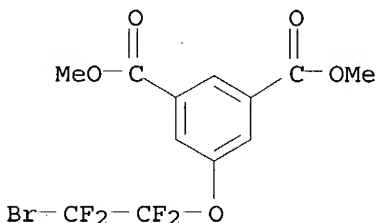
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 252975-66-9P

(aromatic polymers with pendant fluorinated ionic groups)

RN 252975-66-9 USPATFULL

CN 1,3-Benzenedicarboxylic acid, 5-(2-bromo-1,1,2,2-tetrafluoroethoxy)-, dimethyl ester (9CI) (CA INDEX NAME)



L24 ANSWER 142 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1999:802805 CAPLUS

DN 132:57204

TI 1,3-Phenylene derivative for liquid crystal composition and liquid crystal display element using it

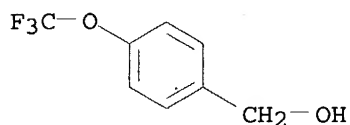
10/669,404

IN Ogawa, Saneharu; Takehara, Sadao; Kozu, Haruyoshi
PA Dainippon Ink and Chemicals, Inc., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11349515	A2	19991221	JP 1998-162026	19980610
PRAI	JP 1998-162026		19980610		
OS	MARPAT 132:57204				
IT	1736-74-9, 4-Trifluoromethoxybenzylalcohol				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(preparation of 1,3-phenylene derivative liquid crystal composition)				
RN	1736-74-9 CAPLUS				
CN	Benzenemethanol, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



L24 ANSWER 143 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1999:561819 CAPLUS

DN 131:177466

TI Phenylacetylene compound and liquid crystal composition containing the same

IN Sekine, Chizu; Fujisawa, Koichi; Konya, Naoto; Minai, Masayoshi

PA Sumitomo Chemical Co., Ltd., Japan

SO Ger. Offen., 62 pp.

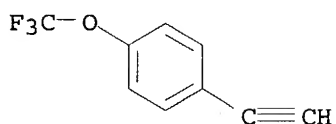
CODEN: GWXXBX

DT Patent

LA German

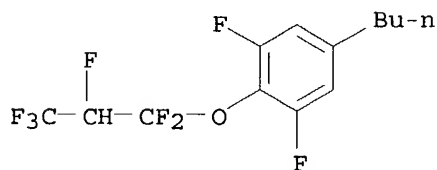
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19907941	A1	19990826	DE 1999-19907941	19990224
	JP 2000198755	A2	20000718	JP 1999-45303	19990223
	GB 2334718	A1	19990901	GB 1999-4388	19990225
	GB 2334718	B2	20000913		
	US 6149837	A	20001121	US 1999-257065	19990225
	JP 2000219882	A2	20000808	JP 1999-81310	19990325
PRAI	JP 1998-43289	A	19980225		
	JP 1998-309091	A	19981029		
	JP 1998-335336	A	19981126		
OS	MARPAT 131:177466				
IT	160542-02-9P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(preparation of phenylacetylene compound for liquid crystal composition)				
RN	160542-02-9 CAPLUS				
CN	Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



L24 ANSWER 149 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1998:341533 CAPLUS
 DN 129:21744
 TI Phenyl polyhaloalkyl ether derivatives, liquid-crystal composition
 containing the same, and liquid-crystal display element
 IN Shibata, Kouichi; Matsui, Shuichi; Miyazawa, Kazutoshi; Takeuchi,
 Hiroyuki; Hisatsune, Yasusuke; Takeshita, Fusayuki; Nakagawa, Etsuo
 PA Chisso Corp., Japan; Shibata, Kouichi; Matsui, Shuichi; Miyazawa,
 Kazutoshi; Takeuchi, Hiroyuki; Hisatsune, Yasusuke; Takeshita, Fusayuki;
 Nakagawa, Etsuo
 SO PCT Int. Appl., 79 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9821172	A1	19980522	WO 1997-JP4114	19971112
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, ID, IL, IS, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	JP 10139709	A2	19980526	JP 1996-316958	19961113
	AU 9749642	A1	19980603	AU 1997-49642	19971112
	EP 945422	A1	19990929	EP 1997-912427	19971112
	R: DE, FR, GB				
	US 2001019121	A1	20010906	US 1999-308039	19990713
PRAI	JP 1996-316958	A	19961113		
	WO 1997-JP4114	W	19971112		
IT	207614-76-4				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(preparation of Ph polyhaloalkyl ether derivs., liquid-crystal composition containing them, and liquid-crystal display element)				
RN	207614-76-4 CAPLUS				
CN	Benzene, 5-butyl-1,3-difluoro-2-(1,1,2,3,3,3-hexafluoropropoxy) - (9CI)				
	(CA INDEX NAME)				

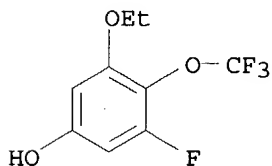


RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/669,404

AN 1998:197478 CAPLUS
DN 128:237548
TI Preparation of alkoxybenzene derivatives for liquid-crystal composition and liquid-crystal display element
IN Matsui, Shuichi; Ando, Tsugumichi; Miyazawa, Kazutoshi; Takeuchi, Hiroyuki; Hisatsune, Yasusuke; Takeshita, Fusayuki; Nakagawa, Etsuo
PA Chisso Corporation, Japan; Matsui, Shuichi; Ando, Tsugumichi; Miyazawa, Kazutoshi; Takeuchi, Hiroyuki; Hisatsune, Yasusuke; Takeshita, Fusayuki; Nakagawa, Etsuo
SO PCT Int. Appl., 134 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9812166	A1	19980326	WO 1997-JP3258	19970916
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, ID, IL, IS, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	JP 10087543	A2	19980407	JP 1996-266804	19960917
	AU 9742212	A1	19980414	AU 1997-42212	19970916
	US 6177154	B1	20010123	US 1999-254682	19990316
PRAI	JP 1996-266804	A	19960917		
	WO 1997-JP3258	W	19970916		
OS	MARPAT 128:237548				
IT	204654-96-6P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(preparation of alkoxybenzene derivs. for liquid-crystal composition and liquid-crystal display element)				
RN	204654-96-6 CAPLUS				
CN	Phenol, 3-ethoxy-5-fluoro-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				

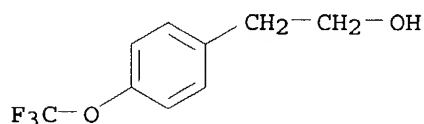


RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 157 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:684374 CAPLUS
DN 127:313199
TI Liquid crystal compounds having fluorinated linkages, liquid crystal compositions, and liquid crystal display devices
IN Matsui, Shuichi; Koizumi, Yasuyuki; Miyazawa, Kazutoshi; Sekiguchi, Yasuko; Nakagawa, Etsuo
PA Chisso Corp., Japan
SO PCT Int. Appl., 147 pp.
CODEN: PIXXD2
DT Patent
LA Japanese

FAN.CNT 1

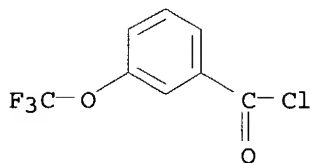
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9737959	A1	19971016	WO 1997-JP1213	19970409
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	JP 09278698	A2	19971028	JP 1996-88507	19960410
	TW 442558	B	20010623	TW 1997-86104468	19970408
	AU 9725214	A1	19971029	AU 1997-25214	19970409
	EP 893423	A1	19990127	EP 1997-916638	19970409
	EP 893423	B1	20040901		
	R: DE, FR, GB				
PRAI	JP 1996-88507	A	19960410		
	WO 1997-JP1213	W	19970409		
OS	MARPAT 127:313199				
IT	196811-90-2P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(preparation of liquid crystal compds. having fluorinated linkages)				
RN	196811-90-2 CAPLUS				
CN	Benzeneethanol, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



L24 ANSWER 158 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:754496 CAPLUS
 DN 128:82273
 TI Agent for improvement of liquid-crystalline properties and antiferroelectric composition containing it for display
 IN Aihara, Yoshihiko; Mogamiya, Hiroyuki; Hashimoto, Shigeji; Obayashi, Ichiro
 PA Showa Shell Sekiyu K. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 11 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09302347	A2	19971125	JP 1996-143642	19960514
PRAI	JP 1996-143642		19960514		
OS	MARPAT 128:82273				
IT	86270-03-3				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(trifluoromethoxyphenylcarboxylic acid ester modifier for antiferroelec. liquid-crystal display composition)				
RN	86270-03-3 CAPLUS				
CN	Benzoyl chloride, 3-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



L24 ANSWER 159 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:732324 CAPLUS

DN 128:8944

TI Preparation of fluorovinylene derivatives as liquid crystals and liquid crystal composition and liquid crystal device containing them

IN Fujimoto, Yukari; Miyamoto, Yasunobu; Minamii, Masayoshi

PA Sumitomo Chemical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 16 pp.

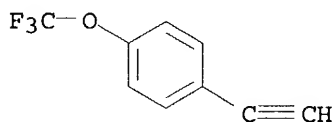
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09291050	A2	19971111	JP 1996-105648	19960425
PRAI	JP 1996-105648		19960425		
OS	MARPAT 128:8944				
IT	160542-02-9, 4-Ethynyl-1-trifluoromethoxybenzene				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(preparation of fluorovinylene derivs. as liquid crystals and liquid crystal composition and liquid crystal device containing them)				
RN	160542-02-9 CAPLUS				
CN	Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



L24 ANSWER 160 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:699190 CAPLUS

DN 128:28926

TI Fluorostilbenes, their preparation, and liquid crystal compositions and elements containing them

IN Fujimoto, Yukari; Miyamoto, Yasunobu; Minamii, Masayoshi

PA Sumitomo Chemical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 15 pp.

CODEN: JKXXAF

DT Patent

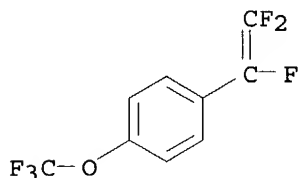
LA Japanese

FAN.CNT 1

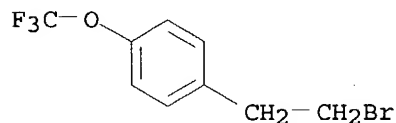
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09278688	A2	19971028	JP 1996-88028	19960410
PRAI	JP 1996-88028		19960410		
OS	MARPAT 128:28926				
IT	199450-87-8, 4-(Trifluoromethoxy)phenyl-1,1,2-trifluoroethylene				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(in preparation of liquid crystal fluorostilbenes)				

10/669,404

RN 199450-87-8 CAPLUS
CN Benzene, 1-(trifluoroethenyl)-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 163 OF 217 USPATFULL on STN
AN 97:86203 USPATFULL
TI Liquid crystalline compound and liquid crystal
IN Miyazawa, Kazutoshi, Chiba, Japan
Matsui, Shuichi, Chiba, Japan
Goto, Yasuyuki, Chiba, Japan
Nakagawa, Etsuo, Chiba, Japan
Sawada, Shinichi, Chiba, Japan
PA Chisso Corporation, Osaka-fu, Japan (non-U.S. corporation)
PI US 5670085 19970923
AI US 1996-588434 19960118 (8)
RLI Continuation of Ser. No. US 1995-410297, filed on 24 Mar 1995, now patented, Pat. No. US 5534187
PRAI JP 1994-58705 19940329
DT Utility
FS Granted
EXNAM Primary Examiner: Wu, Shean C.
LREP Wenderoth, Lind & Ponack
CLMN Number of Claims: 13
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1190
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 115519-20-5P
(liquid crystalline compds. for liquid crystal composition from)
RN 115519-20-5 USPATFULL
CN Benzene, 1-(2-bromoethyl)-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



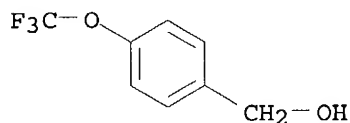
L24 ANSWER 165 OF 217 USPATFULL on STN
AN 97:53881 USPATFULL
TI Fluorobenzene derivatives and liquid-crystalline medium
IN Reiffenrath, Volker, Roßdorf, Germany, Federal Republic of
Kurmeier, Hans Adolf, Seeheim-Jungenheim, Germany, Federal Republic of
Poetsch, Eike, Muhltal, Germany, Federal Republic of
Plach, Herbert, Darmstadt, Germany, Federal Republic of
Finkenzeller, Ulrich, Plankstadt, Germany, Federal Republic of
Bartmann, Ekkehard, Erzhausen, Germany, Federal Republic of
Krause, Joachim, Dieburg, Germany, Federal Republic of
Scheuble, Bernhard, Seeheim-Jugenheim, Germany, Federal Republic of
PA Merck Patent Gesellschaft Mit Beschränkter Haftung, Darmstadt, Germany, Federal Republic of (non-U.S. corporation)

10/669,404

PI US 5641429 19970624
AI US 1995-529393 19950918 (8)
RLI Division of Ser. No. US 1994-229842, filed on 12 Apr 1994, now patented,
Pat. No. US 5487845 which is a continuation of Ser. No. US 1990-623385,
filed on 19 Nov 1990, now abandoned
PRAI DE 1989-3929525 19890906
DE 1989-3929526 19890906
DE 1989-3929764 19890907
DE 1990-4009907 19900328
DT Utility
FS Granted
EXNAM Primary Examiner: Tucker, Philip
LREP Millen, White, Zelano, & Branigan, P.C.
CLMN Number of Claims: 21
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1474
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 1736-74-9

(reaction of, in formation of substituted phenyltrifluoromethyl ethers
for liquid-crystal phases)

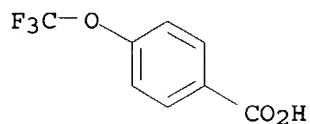
RN 1736-74-9 USPATFULL
CN Benzenemethanol, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 168 OF 217 USPATFULL on STN
AN 97:5672 USPATFULL
TI Silacyclohexane compounds, a liquid crystal composition comprising the
same and a liquid crystal device comprising the composition
IN Shimizu, Takaaki, Niigata-ken, Japan
Kinsho, Takeshi, Niigata-ken, Japan
Ogihara, Tsutomu, Niigata-ken, Japan
Kaneko, Tatsushi, Niigata-ken, Japan
Nakashima, Mutsuo, Niigata-ken, Japan
Kurihara, Hideshi, Kawasaki, Japan
PA Shin-Etsu Chemical Co., Ltd., Tokyo, Japan (non-U.S. corporation)
PI US 5595686 19970121
AI US 1995-523095 19950901 (8)
PRAI JP 1994-234243 19940902
JP 1994-301327 19941110
DT Utility
FS Granted
EXNAM Primary Examiner: Wu, Shean C.
LREP Lowe, Price, LeBlanc & Becker
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1415
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 330-12-1, 4-Trifluoromethoxybenzoic acid
(esterification reaction for the preparation of silacyclohexane compds. of a
liquid crystal composition and a liquid crystal display device comprising
same
composition)
RN 330-12-1 USPATFULL

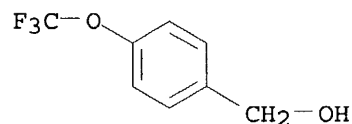
10/669,404

CN Benzoic acid, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 169 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1996:485251 CAPLUS
DN 125:154611
TI Phenylbenzyl ether derivative for liquid-crystal display devices
IN Takehara, Sadao; Takatsu, Haruyoshi; Ogawa, Shinji
PA Dainippon Ink & Chemicals, Japan
SO Jpn. Kokai Tokkyo Koho, 13 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

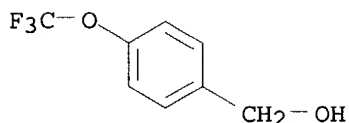
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08120268	A2	19960514	JP 1994-256730	19941021
PRAI	JP 1994-256730		19941021		
IT	1736-74-9, 4-Trifluoromethoxybenzyl alcohol				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(preparation of deuterated phenylbenzyl ether derivative)				
RN	1736-74-9 CAPLUS				
CN	Benzenemethanol, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



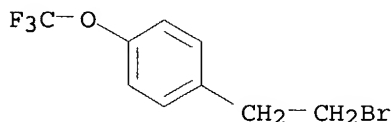
L24 ANSWER 170 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1996:478648 CAPLUS
DN 125:154609
TI Phenyl benzyl ether derivative mixture for liquid-crystal display device
IN Takehara, Sadao; Takatsu, Haruyoshi; Ogawa, Shinji
PA Dainippon Ink & Chemicals, Japan
SO Jpn. Kokai Tokkyo Koho, 13 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08113548	A2	19960507	JP 1994-247751	19941013
PRAI	JP 1994-247751		19941013		
OS	MARPAT 125:154609				
IT	1736-74-9, 4-Trifluoromethoxybenzyl alcohol				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(deuterated Ph benzyl ether derivative mixture with good stability at low temperature for liquid-crystal display device)				
RN	1736-74-9 CAPLUS				
CN	Benzenemethanol, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				

10/669,404



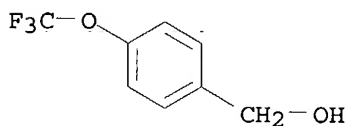
L24 ANSWER 177 OF 217 USPATFULL on STN
AN 96:60376 USPATFULL
TI Liquid crystalline compound and liquid crystal composition
IN Miyazawa, Kazutoshi, Chiba, Japan
Matsui, Shuichi, Chiba, Japan
Goto, Yasuyuki, Chiba, Japan
Nakagawa, Etsuo, Chiba, Japan
Sawada, Shinichi, Chiba, Japan
PA Chisso Corporation, Osaka, Japan (non-U.S. corporation)
PI US 5534187 19960709
AI US 1995-410297 19950324 (8)
PRAI JP 1994-58705 19940329
DT Utility
FS Granted
EXNAM Primary Examiner: Wu, Shean C.
LREP Wenderoth, Lind & Ponack
CLMN Number of Claims: 10
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1245
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 115519-20-5P
(liquid crystalline compds. for liquid crystal composition from)
RN 115519-20-5 USPATFULL
CN Benzene, 1-(2-bromoethyl)-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 180 OF 217 USPATFULL on STN
AN 96:9226 USPATFULL
TI Fluorobenzene derivatives and liquid-crystalline medium
IN Reiffenrath, Volker, Rossdorf, Germany, Federal Republic of
Kurmeier, Hans A., Seeheim-Jugenheim, Germany, Federal Republic of
Poetsch, Eike, Muhltal, Germany, Federal Republic of
Plach, Herbert, Darmstadt, Germany, Federal Republic of
Finkenzeller, Ulrich, Plankstadt, Germany, Federal Republic of
Bartmann, Ekkehard, Erzhausen, Germany, Federal Republic of
Krause, Joachim, Dieburg, Germany, Federal Republic of
Scheuble, Bernhard, Seeheim-Jugenheim, Germany, Federal Republic of
PA Merck Patent Gesellschaft Mit Beschränkter Haftung, Darmstadt, Germany,
Federal Republic of (non-U.S. corporation)
PI US 5487845 19960130
WO 9103449 19910321
AI US 1994-229842 19940412 (8)
WO 1990-EP1471 19900903
19901119 PCT 371 date
19901119 PCT 102(e) date

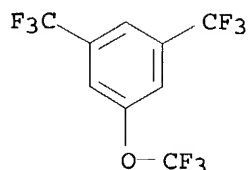
10/669,404

DCD 20121010
RLI Continuation of Ser. No. US 1990-623385, filed on 19 Nov 1990, now abandoned
PRAI DE 1989-3929525 19890906
DE 1989-3929526 19890906
DE 1989-3929764 19890907
DE 1990-4009907 19900328
DT Utility
FS Granted
EXNAM Primary Examiner: Geist, Gary L.; Assistant Examiner: Harris, C.
LREP Millen, White, Zelano, & Branigan
CLMN Number of Claims: 36
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1731
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 1736-74-9
(reaction of, in formation of substituted phenyltrifluoromethyl ethers for liquid-crystal phases)
RN 1736-74-9 USPATFULL
CN Benzenemethanol, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 181 OF 217 USPATFULL on STN
AN 96:5929 USPATFULL
TI Halogenation processes in advantageous solvents, and novel bistrifluoromethyl-polyfluoroalkoxybenzenes
IN Marhold, Albrecht, Leverkusen, Germany, Federal Republic of
PA Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of (non-U.S. corporation)
PI US 5484932 19960116
AI US 1994-253188 19940602 (8)
RLI Continuation of Ser. No. US 1993-52420, filed on 15 Apr 1993, now abandoned
PRAI DE 1992-4213850 19920427
DT Utility
FS Granted
EXNAM Primary Examiner: Evans, Joseph E.
LREP Gerstenzang, William C. Sprung Horn Kramer & Woods
CLMN Number of Claims: 5
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 308
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 153646-13-0
(preparation as halogenation solvent)
RN 153646-13-0 USPATFULL
CN Benzene, 1-(trifluoromethoxy)-3,5-bis(trifluoromethyl)- (9CI) (CA INDEX NAME)

10/669,404



L24 ANSWER 182 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1995:994634 CAPLUS
DN 124:71725
TI Liquid crystalline compounds and liquid crystal composition
IN Miyazawa, Kazutoshi; Matsui, Shuichi; Coto, Yasuyuki; Nakagawa, Etsuo;
Sawada, Shinichi
PA Chisso Corp., Japan
SO Eur. Pat. Appl., 72 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 675187	A2	19951004	EP 1995-302106	19950329
	EP 675187	A3	19960417		
	EP 675187	B1	19990915		
	R: AT, CH, DE, FR, GB, IT, LI, NL				
	JP 07316082	A2	19951205	JP 1995-60405	19950320
	US 5534187	A	19960709	US 1995-410297	19950324
	CN 1111671	A	19951115	CN 1995-103798	19950329
	AT 184628	E	19991015	AT 1995-302106	19950329
	US 5670085	A	19970923	US 1996-588434	19960118
PRAI	JP 1994-58705	A	19940329		
	US 1995-410297	A1	19950324		

OS MARPAT 124:71725

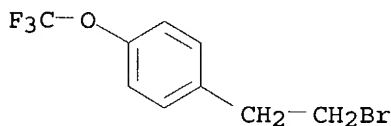
IT 115519-20-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(liquid crystalline compds. for liquid crystal composition from)

RN 115519-20-5 CAPLUS

CN Benzene, 1-(2-bromoethyl)-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



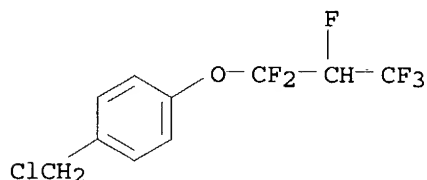
L24 ANSWER 183 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1995:689905 CAPLUS
DN 123:98108
TI Preparation of 1,1,2,3,3,3-hexafluoropropyl group-containing
liquid-crystal compounds and liquid-crystal formulations containing them
IN Miyazawa, Kazutoshi; Goto, Yasuyuki; Matsui, Shuichi; Fujita, Atsuko;
Tomi, Yoshitaka
PA Chisso Corp., Japan
SO Eur. Pat. Appl., 49 pp.
CODEN: EPXXDW
DT Patent

10/669,404

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 640578	A1	19950301	EP 1994-306361	19940830
	EP 640578	B1	19971105		
	EP 640578	B2	20010627		
	R: CH, DE, FR, GB, LI				
	JP 07118184	A2	19950509	JP 1994-78955	19940418
PRAI	JP 1993-214580	A	19930830		
	JP 1994-78955	A	19940418		
OS	MARPAT 123:98108				
IT	78010-87-4				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(preparation of 1,1,2,3,3,3-hexafluoropropyl group-containing liquid-crystal				
	comps. and liquid-crystal formulations containing them)				
RN	78010-87-4	CAPLUS			
CN	Benzene, 1-(chloromethyl)-4-(1,1,2,3,3,3-hexafluoropropoxy)- (9CI) (CA				
	INDEX NAME)				



L24 ANSWER 195 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1993:158103 CAPLUS

DN 118:158103

TI Preparation of trifluoromethyl compounds for super-twisted nematic liquid-crystal display devices

IN Sugimori, Shigeru

PA Chisso Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

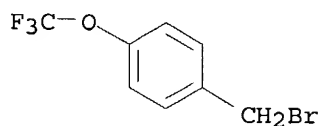
CODEN: JKXXAF

DT Patent

LA Japanese

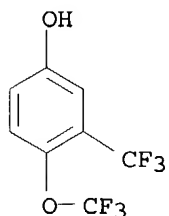
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 04264048	A2	19920918	JP 1991-46136	19910219
	JP 2956946	B2	19991004		
PRAI	JP 1991-46136		19910219		
IT	50824-05-0, 4-Trifluoromethoxybenzyl bromide				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(reaction of, additive for super-twisted nematic liquid-crystal displays				
	from)				
RN	50824-05-0	CAPLUS			
CN	Benzene, 1-(bromomethyl)-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



10/669,404

L24 ANSWER 202 OF 217 USPATFULL on STN
AN 90:76479 USPATFULL
TI Use of fluoromethylphenols as solvents for LC-polymers, and new
fluoromethylphenols
IN Kuhn, Rainer, Odenthal, Germany, Federal Republic of
Marhold, Albrecht, Leverkusen, Germany, Federal Republic of
Dicke, Hans-Rudolf, Krefeld, Germany, Federal Republic of
PA Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
(non-U.S. corporation)
PI US 4960539 19901002
AI US 1989-431677 19891102 (7)
RLI Continuation of Ser. No. US 1988-174654, filed on 29 Mar 1988, now
abandoned
PRAI DE 1987-3712817 19870415
DT Utility
FS Granted
EXNAM Primary Examiner: Maples, John S.; Assistant Examiner: Treanor, Richard
LREP Sprung Horn Kramer & Woods
CLMN Number of Claims: 12
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 486
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 120355-08-0P
(solvents for liquid-crystalline polymers, manufacture of)
RN 120355-08-0 USPATFULL
CN Phenol, 4-(trifluoromethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



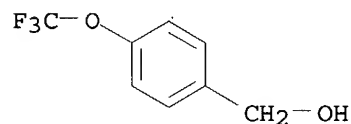
L24 ANSWER 203 OF 217 CAPLUS . COPYRIGHT 2004 ACS on STN
AN 1989:415499 CAPLUS
DN 111:15499
TI Substituted phenyltrifluoromethyl ethers and liquid-crystal phases and
display devices containing them
IN Kurmeier, Hans Adolf; Scheuble, Bernhard; Poetsch, Eike; Finkenzeller,
Ulrich
PA Merck Patent G.m.b.H., Fed. Rep. Ger.
SO Ger. Offen., 17 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	DE 3732284	A1	19890413	DE 1987-3732284	19870925
	WO.8902884	A1	19890406	WO 1988-EP804	19880905
	W: JP, KR, US				
	RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
	EP 334911	A1	19891004	EP 1988-907653	19880905
	EP 334911	B1	19930210		

10/669,404

R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE

JP	02501311	T2	19900510	JP 1988-507199	19880905
JP	2632401	B2	19970723		
AT	85599	E	19930215	AT 1988-907653	19880905
CN	1032435	A	19890419	CN 1988-106726	19880915
DD	273643	A5	19891122	DD 1988-320086	19880923
US	5536442	A	19960716	US 1992-907928	19920706
US	5324449	A	19940628	US 1993-20469	19930222
PRAI	DE 1987-3732284	A	19870925		
	DE 1988-3825425	A	19880727		
	EP 1988-907653	A	19880905		
	WO 1988-EP804	W	19880905		
	DE 1989-3909802	A	19890324		
	US 1989-362438	B1	19890524		
	DE 1989-3929525	A	19890906		
	DE 1989-3929526	A	19890906		
	DE 1989-3929764	A	19890907		
	US 1989-424219	B1	19891004		
	DE 1990-4009907	A	19900328		
	US 1990-623385	B2	19901119		
	US 1991-803787	B2	19911206		
	US 1992-846230	B2	19920306		
	US 1992-845818	A2	19920309		
OS	MARPAT 111:15499				
IT	1736-74-9				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(reaction of, in formation of substituted phenyltrifluoromethyl ethers				
	for liquid-crystal phases)				
RN	1736-74-9 CAPLUS				
CN	Benzenemethanol, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



L24 ANSWER 206 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1983:135202 CAPLUS

DN 98:135202

TI Electrophotographic copying apparatus

PA Ricoh Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

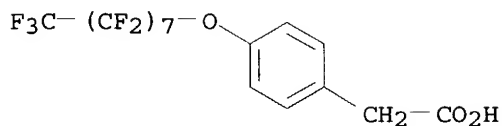
DT Patent

LA Japanese

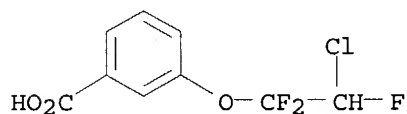
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 57090675	A2	19820605	JP 1980-167123	19801127
PRAI	JP 1980-167123		19801127		
IT	71188-41-5				
	RL: USES (Uses)				
	(electrophotog. drum cleaning rod made of)				
RN	71188-41-5 CAPLUS				
CN	Benzeneacetic acid, 4-[(heptadecafluorooctyl)oxy]- (9CI) (CA INDEX NAME)				

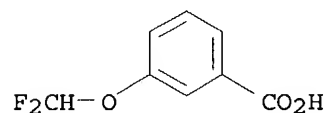
10/669,404



L24 ANSWER 211 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1967:37288 CAPLUS
DN 66:37288
TI Electronic properties of the 1,1,2-trifluoro-2-chloroethoxy group
AU Van Poucke, Raphael K.; Pollet, R.; De Cat, Arthur H.
CS Chem. Res. Lab., Gevaert-Agfa N. V. Mortsel-Antwerp, Belg.
SO Bulletin des Societes Chimiques Belges (1966), 75(7-8), 573-5
CODEN: BSCBAG; ISSN: 0037-9646
DT Journal
LA English
IT 403-71-4
RL: PROC (Process)
(ionization of)
RN 403-71-4 CAPLUS
CN Benzoic acid, 3-(2-chloro-1,1,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



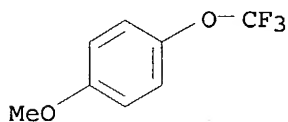
L24 ANSWER 213 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1966:92792 CAPLUS
DN 64:92792
OREF 64:17397c-e
TI Electronic nature of the difluoromethoxy, difluoromethylthio, and difluoromethylsulfonyl groups
AU Pollet, R.; van Poucke, R.; de Cat, A.
CS Chem. Res. Dept., Gevaert-Agfa N.V., Mortsel-Antwerp
SO Bulletin des Societes Chimiques Belges (1966), 75(1-2), 40-51
CODEN: BSCBAG; ISSN: 0037-9646
DT Journal
LA English
IT 4837-19-8, m-Anisic acid, α,α -difluoro-
(ionization of)
RN 4837-19-8 CAPLUS
CN Benzoic acid, 3-(difluoromethoxy)- (9CI) (CA INDEX NAME)



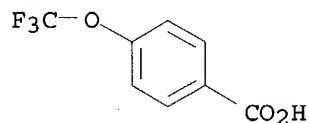
L24 ANSWER 214 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1965:829 CAPLUS
DN 62:829
OREF 62:127e-f

10/669,404

TI Electronic spectra of aryl trifluoromethyl sulfides, sulfoxides, sulfones, and aryl trifluoromethyl ethers
AU Luts'kii, A. E.; Yagupol'skii, L. M.; Volchenok, S. A.
CS Polytech. Inst., Kharkov
SO Zhurnal Obshchei Khimii (1964), 34(8), 2726-35
CODEN: ZOKHA4; ISSN: 0044-460X
DT Journal
LA Unavailable
IT 710-18-9, Benzene, 1-methoxy-4-(trifluoromethoxy)-
(spectrum of)
RN 710-18-9 CAPLUS
CN Benzene, 1-methoxy-4-(trifluoromethoxy)- (7CI, 8CI, 9CI) (CA INDEX NAME)

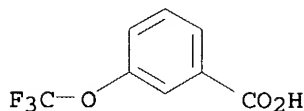


L24 ANSWER 215 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1963:80936 CAPLUS
DN 58:80936
OREF 58:13761e-f
TI The effect of fluorine substitution on the electronic properties of alkoxy, alkylthio, and alkylsulfonyl groups
AU Sheppard, William A.
CS E. I. du Pont de Nemours and Co., Wilmington, DE
SO Journal of the American Chemical Society (1963), 85, 1314-18
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA Unavailable
IT 330-12-1, p-Anisic acid, α,α,α -trifluoro-
(ionization of)
RN 330-12-1 CAPLUS
CN Benzoic acid, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 217 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1961:59327 CAPLUS
DN 55:59327
OREF 55:11352i,11353a-b
TI Electronic nature of fluorine-containing substituents
AU Yagupol'skii, L. M.; Yagupol'skaya, L. N.
CS Inst. Org. Chem., Kiev
SO Doklady Akademii Nauk SSSR (1960), 134, 1381-3
CODEN: DANKAS; ISSN: 0002-3264
DT Journal
LA Unavailable
IT 1014-81-9, m-Anisic acid, α,α,α -trifluoro-
(ionization of, substituent effect on)
RN 1014-81-9 CAPLUS
CN Benzoic acid, 3-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

10/669,404



=> file stnguide
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
293.99	1170.01

FULL ESTIMATED COST

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LAST RELOADED: Nov 12, 2004 (20041112/UP).

=> file reg
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.24	1170.25

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 20:20:37 ON 15 NOV 2004
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STRUCTURE FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4
DICTIONARY FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

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to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>Testing the current file.... screen

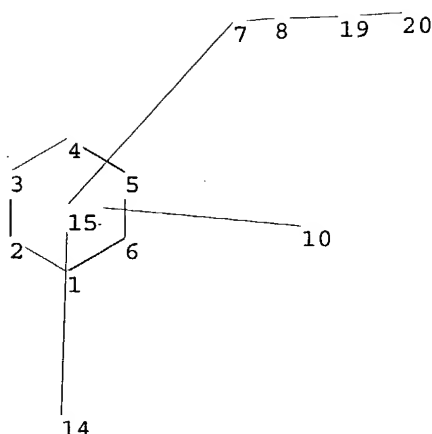
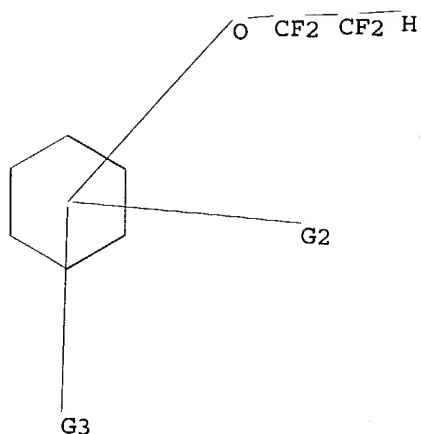
ENTER SCREEN EXPRESSION OR (END):end

=> screen 1992 OR 2016 OR 2021 OR 2026 OR 1839

L25 SCREEN CREATED

=>
Uploading C:\Program Files\Stnexp\Queries\10669404c.str

10/669,404



chain nodes :

7 8 10 14 19 20

ring nodes :

1 2 3 4 5 6

chain bonds :

7-8 8-19 19-20

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact bonds :

7-8 8-19 19-20

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G2:CH₃,CH₂,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH₂,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 14:CLASS 15:CLASS 19:CLASS 20:CLASS

L26 STRUCTURE UPLOADED

=> que L26 NOT L25

L27 QUE L26 NOT L25

=> s l27

SAMPLE SEARCH INITIATED 20:21:23 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 364 TO ITERATE

100.0% PROCESSED 364 ITERATIONS

4 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 6136 TO 8424

10/669,404

PROJECTED ANSWERS: 4 TO 200

L28 4 SEA SSS SAM L26 NOT L25

=> s 127 ful

FULL SEARCH INITIATED 20:21:42 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 7096 TO ITERATE

100.0% PROCESSED 7096 ITERATIONS

82 ANSWERS

SEARCH TIME: 00.00.01

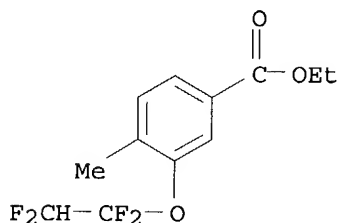
L29 82 SEA SSS FUL L26 NOT L25

=> d scan

L29 82 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN

IN Benzoic acid, 4-methyl-3-(1,1,2,2-tetrafluoroethoxy)-, ethyl ester (9CI)

MF C12 H12 F4 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus uspatful

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
156.26	1326.51

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 20:22:12 ON 15 NOV 2004

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FILE 'USPATFULL' ENTERED AT 20:22:12 ON 15 NOV 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 129

L30 144 L29

=> dup rem 130

PROCESSING COMPLETED FOR L30

L31 136 DUP REM L30 (8 DUPLICATES REMOVED)

=> d 1-136 ti

L31 ANSWER 1 OF 136 USPATFULL on STN

TI Aminoethanol derivatives

L31 ANSWER 2 OF 136 USPATFULL on STN

- TI (R)-chiral halogenated 1-substitutedamino-(n+1)-alkanols useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 3 OF 136 USPATFULL on STN
- TI Substituted N,N-bis-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 4 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Preparation of 2-pyrone compounds and use thereof
- L31 ANSWER 5 OF 136 USPATFULL on STN
- TI Benzothiazole derivatives with activity as adenosine receptor ligands
- L31 ANSWER 6 OF 136 USPATFULL on STN
- TI Tyrosine phosphatase inhibitors
- L31 ANSWER 7 OF 136 USPATFULL on STN
- TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 8 OF 136 USPATFULL on STN
- TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 9 OF 136 USPATFULL on STN
- TI Benzothiazole derivatives with activity as adenosine receptor ligands
- L31 ANSWER 10 OF 136 USPATFULL on STN
- TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 11 OF 136 USPATFULL on STN
- TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 12 OF 136 USPATFULL on STN
- TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 13 OF 136 USPATFULL on STN
- TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 14 OF 136 USPATFULL on STN
- TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 15 OF 136 USPATFULL on STN
- TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 16 OF 136 USPATFULL on STN
- TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 17 OF 136 USPATFULL on STN
- TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 18 OF 136 USPATFULL on STN
- TI (R)-chiral halogenated substituted N,N-bis-benzyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity

- L31 ANSWER 19 OF 136 USPATFULL on STN
 TI Process for preparing polyfluoroalkyllithium compounds
- L31 ANSWER 20 OF 136 USPATFULL on STN
 TI (R)-chiral halogenated substituted n,n-bis-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 21 OF 136 USPATFULL on STN
 TI (R)-Chiral halogenated substituted fused heterocyclic amino compounds useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 22 OF 136 USPATFULL on STN
 TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 23 OF 136 USPATFULL on STN
 TI (R)-Chiral halogenated substituted heteroaryl benzyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 24 OF 136 USPATFULL on STN
 TI (R)-chiral halogenated substituted N-phenoxy N-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 25 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Discovery of a Simple Picomolar Inhibitor of Cholesteryl Ester Transfer Protein
- L31 ANSWER 26 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Unique bioconcentration characteristics of new aryl fluoroalkyl ethers in common carp (*Cyprinus carpio*)
- L31 ANSWER 27 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
 TI Preparation of halogenated substituted (R)-N-benzyl-N-phenyl-aminoalcohols with cholesteryl ester transfer protein inhibiting activity for therapeutic use in the treatment of atherosclerosis and other coronary artery diseases
- L31 ANSWER 28 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2
 TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 29 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Preparation of aminoethanol derivatives as cholesteryl ester transfer protein inhibitors for treatment of hyperlipidemia, etc.
- L31 ANSWER 30 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Process for the preparation of polyfluoroalkyl lithium compounds
- L31 ANSWER 31 OF 136 USPATFULL on STN
 TI Substituted N-heteroaryl-N-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 32 OF 136 USPATFULL on STN
 TI Antibacterial agents
- L31 ANSWER 33 OF 136 USPATFULL on STN
 TI Benzothiazole derivatives with activity as adenosine receptor ligands
- L31 ANSWER 34 OF 136 USPATFULL on STN

- TI Use of substituted N, N-bis-benzyl aminoalcohol compounds inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 35 OF 136 USPATFULL on STN
- TI Use of substituted N, N-disubstituted cycloalkyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 36 OF 136 USPATFULL on STN
- TI Use of substituted N, N-disubstituted reverse aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 37 OF 136 USPATFULL on STN
- TI Use of substituted N, N-bis-phenyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 38 OF 136 USPATFULL on STN
- TI use of substituted N,N-disubstituted mercapto amino compounds for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 39 OF 136 USPATFULL on STN
- TI Substituted N-phenyl-N-heteroaralkyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 40 OF 136 USPATFULL on STN
- TI Use of substituted N, N-disubstituted fused-heterocyclo amino compounds for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 41 OF 136 USPATFULL on STN
- TI Use of substituted N,N-disubstituted non-fused heterocyclo amino compounds for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 42 OF 136 USPATFULL on STN
- TI Use of substituted N-phenoxy-N-phenyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 43 OF 136 USPATFULL on STN
- TI Use of substituted N-fused-phenyl-N-benzyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 44 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Facile and efficient synthesis of fluoroalkyl aryl ethers
- L31 ANSWER 45 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Chiral N,N-Disubstituted Trifluoro-3-Amino-2-Propanols Are Potent Inhibitors of Cholesteryl Ester Transfer Protein
- L31 ANSWER 46 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Preparation of N-benzothiazol-2-yl amides having affinity toward the A2A adenosine receptor
- L31 ANSWER 47 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Preparation of pyrrole derivatives as tyrosine phosphatase inhibitors for preventive and therapeutic drugs for diseases such as diabetes
- L31 ANSWER 48 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Synthesis, antibacterial activity and RNA polymerase inhibition of phenylamidine derivs.
- L31 ANSWER 49 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
- TI (R)-chiral halogenated 1-substituted amino-(n+1)-alkanols useful for inhibiting cholesteryl ester transfer protein activity

- L31 ANSWER 50 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity
- L31 ANSWER 51 OF 136 USPATFULL on STN
 TI Tocolytic oxytocin receptor antagonists
- L31 ANSWER 52 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Stereospecific Inhibition of CETP by Chiral N,N-Disubstituted Trifluoro-3-amino-2-propanols
- L31 ANSWER 53 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Discovery of Chiral N,N-Disubstituted Trifluoro-3-amino-2-propanols as Potent Inhibitors of Cholesteryl Ester Transfer Protein
- L31 ANSWER 54 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Novel refrigeration lubricants for use with HFC refrigerants
- L31 ANSWER 55 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Lubricity of fluorinated alkyl aryl ethers
- L31 ANSWER 56 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Thermal and oxidative stability of fluorinated alkyl aryl ethers
- L31 ANSWER 57 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Preparation of 2,2,3,3-tetrafluoro-1,4-benzodioxanes from o-(2-bromo-1,1,2,2-tetrafluoroethoxy)phenols.
- L31 ANSWER 58 OF 136 USPATFULL on STN
 TI 2-fluoroacrylic acid derivatives, novel mixtures of herbicides and antidotes, and their use
- L31 ANSWER 59 OF 136 USPATFULL on STN
 TI Process for the preparation of 2,2,3,3-tetrafluoro-1,4-benzodioxanes, novel o-(2-bromo-1,1,2,2-tetrafluoroethoxy)-phenols, and novel 2-bromo-1,1,2,2-tetrafluoroethoxy-containing phenyl ethers
- L31 ANSWER 60 OF 136 USPATFULL on STN
 TI 3-substituted Bicyclo[3.1.0]hexane-6-carboxylic acids
- L31 ANSWER 61 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3
 TI Preparation of piperidinylbenzoxazinones as tocolytic oxytocin receptor antagonists.
- L31 ANSWER 62 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Preparation of 2-fluoroacrylic acid derivatives as herbicide antidotes
- L31 ANSWER 63 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Preparation of benzoxazinone or quinolinone compounds as tocolytic oxytocin receptor antagonists
- L31 ANSWER 64 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Preparation of benzoxazinones as tocolytic oxytocin receptor antagonists
- L31 ANSWER 65 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Preparation of fluoroethyl phenyl ethers as lubricating oils for refrigeration compressors.
- L31 ANSWER 66 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Preparation of excitatory amino acid receptor antagonists
- L31 ANSWER 67 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN

10/669,404

- TI Fluorine aromatic compound as lubricating oil and ammonia as refrigerant in refrigerant composition
- L31 ANSWER 68 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Fluorine aromatic compound as lubricating oil and hydrocarbon as refrigerant in refrigerant composition
- L31 ANSWER 69 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Refrigerating compositions
- L31 ANSWER 70 OF 136 USPATFULL on STN
- TI Process for the preparation of 4-fluoroalkoxycinnamitriles
- L31 ANSWER 71 OF 136 USPATFULL on STN
- TI Lubricant oil composition comprising a fluorine-containing aromatic compound and an alkyl- or alkyl derivative-substituted aromatic compound, and a refrigerant composition containing the same
- L31 ANSWER 72 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Optically active antifungal azoles. VI. Synthesis and antifungal activity of N-[(1R,2R)-2-(2,4-difluorophenyl)-2-hydroxy-1-methyl-3-(1H-1,2,4-triazol-1-yl)propyl]-N'-(4-substituted phenyl)-3(2H,4H)-1,2,4-triazolones and 5(1H,4H)-tetrazolones
- L31 ANSWER 73 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Lubricating oil composition comprising a fluorine-containing aromatic compound and an alkyl- or alkyl derivative-substituted aromatic compound suitable for use with non-chlorofluorocarbon refrigerants
- L31 ANSWER 74 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Preparation of 4-(fluoroalkoxy)cinnamitriles
- L31 ANSWER 75 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Lubricants containing perfluorocyclobutane rings
- L31 ANSWER 76 OF 136 USPATFULL on STN
- TI Electro-optical liquid crystal display element
- L31 ANSWER 77 OF 136 USPATFULL on STN
- TI Diaryl compounds for their use
- L31 ANSWER 78 OF 136 USPATFULL on STN
- TI Electro-optical liquid crystal display element
- L31 ANSWER 79 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 4
- TI Polybenzoxazole polymer containing perfluorocyclobutane rings
- L31 ANSWER 80 OF 136 USPATFULL on STN
- TI Perfluorovinyl compounds
- L31 ANSWER 81 OF 136 USPATFULL on STN
- TI Perfluorovinyl compounds
- L31 ANSWER 82 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Tandem nucleophilic additions of aryloxides
- L31 ANSWER 83 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Preparation of perfluorovinyl compounds and their polymerization
- L31 ANSWER 84 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
- TI Preparation of 2-(2-tetrahydropyrimidinyl)aminothiazoles as antimycotics

10/669,404

- L31 ANSWER 85 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of fluorine-containing phenols as pesticide intermediates
- L31 ANSWER 86 OF 136 USPATFULL on STN
TI Optically-active 1,4-dihydropyridine
- L31 ANSWER 87 OF 136 USPATFULL on STN
TI Antimycotically active substituted 2-aminothiazoles
- L31 ANSWER 88 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 5
TI 3-(Fluoroalkoxy)benzoyl halides as intermediates for herbicides
- L31 ANSWER 89 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of N-(3-phenyl-3-styrylacryloyl)morpholines and analogs as agrochemical fungicides.
- L31 ANSWER 90 OF 136 USPATFULL on STN
TI Diaminotetrafluoroethoxybenzenes, process for producing same and hair coloring agents containing same
- L31 ANSWER 91 OF 136 USPATFULL on STN
TI Diaminotetrafluoroethoxybenzenes
- L31 ANSWER 92 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Reaction of fluorinated arylmagnesium halides with di-tert-butyl oxalate
- L31 ANSWER 93 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of a pyrazole oxime derivatives as insecticides and acarides
- L31 ANSWER 94 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Electrooptical liquid-crystal display element containing dielectric component with fluoro compound for short switching time
- L31 ANSWER 95 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluoro-containing ortho-phenylenediamines and ortho-aminophenols
- L31 ANSWER 96 OF 136 USPATFULL on STN
TI Insecticidal diaminoguanidine hydrazone compounds
- L31 ANSWER 97 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Synthesis and insecticidal activity of some 2,5-(fluoroalkoxyphenyl)-1,3,4-oxadiazoles and their N,N'-dibenzoylhydrazine precursors
- L31 ANSWER 98 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Reaction of fluoroorganomagnesium compounds with diethyl dicarboxylates
- L31 ANSWER 99 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Substituted 1,4-dihydro-3-pyridinecarboxylic acid derivatives, their preparation, pharmaceuticals containing them, and their use as, cardiovascular agents
- L31 ANSWER 100 OF 136 USPATFULL on STN
TI Diaryl piperidine containing esters of 1,4-dihydropyridines and coronary therapeutic use
- L31 ANSWER 101 OF 136 USPATFULL on STN
TI 6-(polyfluoroalkoxyphenyl) pyridazinones, their compositions, synthesis and use
- L31 ANSWER 102 OF 136 USPATFULL on STN
TI Insecticidal uses of diaminoguanidine hydrazone compounds

- L31 ANSWER 103 OF 136 USPATFULL on STN
TI Novel esters, their preparation, and their use for controlling pests
- L31 ANSWER 104 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 6
TI Insecticidal diaminoguanidine hydrazone compounds
- L31 ANSWER 105 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Diaryl derivatives
- L31 ANSWER 106 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Diamino(1,1,2,2-tetrafluoroethoxy)benzenes as coupling agents in hair dyes
- L31 ANSWER 107 OF 136 USPATFULL on STN
TI 4H-3,1-Benzoxazine derivatives
- L31 ANSWER 108 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Pyridazinones and medicaments containing them
- L31 ANSWER 109 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Insecticidal propargyl benzoates
- L31 ANSWER 110 OF 136 USPATFULL on STN
TI 4H-3,1-Benzoxazine derivatives
- L31 ANSWER 111 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Reactivity of the perhaloalkanes CF₂BrX (X = Cl, Br) with nucleophiles.
Part 5. Condensation with potassium 2-allylphenoxide; evidence for
difluorocarbene formation
- L31 ANSWER 112 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 7
TI m-Phenoxybenzyl and α -cyano-m-phenoxybenzyl esters of 2-haloalkyl
(oxy-, thio-, sulfinyl-, or sulfonyl)phenylalkanoic acids
- L31 ANSWER 113 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 8
TI Insecticidal pentadienone hydrazones
- L31 ANSWER 114 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI 4H-3,1-Benzoxazine derivatives
- L31 ANSWER 115 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Substituted nitrogen-containing heterocycles and their use
- L31 ANSWER 116 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Insecticidal pentadienone hydrazone derivatives
- L31 ANSWER 117 OF 136 USPATFULL on STN
TI High efficiency push-pull inverters
- L31 ANSWER 118 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Alkyl 2-aryl acrylates
- L31 ANSWER 119 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Phenylalkanoic acid m-phenoxybenzyl esters
- L31 ANSWER 120 OF 136 USPATFULL on STN
TI 2-Haloalkyl(oxy-, thio-, sulfinyl-, or sulfonyl)-phenylalkanoic acids
- L31 ANSWER 121 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Tetrafluoroethoxy-substituted β -phenylethylamine
- L31 ANSWER 122 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI α -1[(Fluoroalkoxy)phenyl]pyrimidinemethanols and pyrazine and

10/669,404

pyridine analogs

- L31 ANSWER 123 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI 2-(Haloalkoxyphenyl)alkanoic acid phenoxybenzyl esters
- L31 ANSWER 124 OF 136 USPATFULL on STN
TI Perfluorocyclohexyl ethers
- L31 ANSWER 125 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluoroalkoxyphenyl-substituted nitrogen-containing heterocyclics and their use in plant growth regulating compositions
- L31 ANSWER 126 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Nitrogen-containing heterocyclic compounds with fluoroalkoxyphenyl substituent
- L31 ANSWER 127 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Perfluorocyclohexyl ethers
- L31 ANSWER 128 OF 136 USPATFULL on STN
TI Process for the preparation of aryl-1,1,2,2-tetrafluoroethyl ethers
- L31 ANSWER 129 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Nitrogen-containing heterocyclic compounds with fluoroalkoxyphenyl substituent
- L31 ANSWER 130 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluorinated alkoxybenzyl chlorides
- L31 ANSWER 131 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Direct fluoralkenylation. X. Reaction of sodium p-ethoxycarbonylphenolate with tetrafluoroethylene
- L31 ANSWER 132 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Aryl 1,1,2,2-tetrafluoroethyl ethers
- L31 ANSWER 133 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of (1,1,2,2-tetrafluoroethoxy)benzenes
- L31 ANSWER 134 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI α -Fluorinated ethers. I. Aryl fluoroalkyl ethers
- L31 ANSWER 135 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Studies on benzo[b]thiophene. Unequivocal synthesis of m-substituted phenols, in particular of metathymol, by desulfurizing hydrogenation of bz-methoxylated derivatives of benzo[b]thiophene
- L31 ANSWER 136 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI The effect of fluorine substitution on the electronic properties of alkoxy, alkylthio, and alkylsulfonyl groups

=> d 26,44,55,56,65,67,71,76,78,80,83,94,128,130,132,133,134,136 bib fhitsr
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REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):d

26,44,55,56,65,67,71,76,78,80,83,94,128,130,132,133,134,136 bib fhitr

'D' IS NOT A VALID FORMAT

'26' IS NOT A VALID FORMAT

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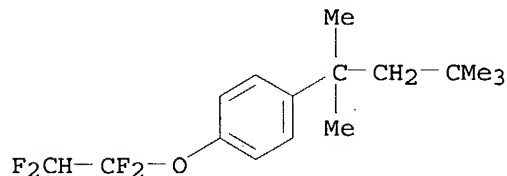
'44' IS NOT A VALID FORMAT
'55' IS NOT A VALID FORMAT
'56' IS NOT A VALID FORMAT
'65' IS NOT A VALID FORMAT
'67' IS NOT A VALID FORMAT
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'80' IS NOT A VALID FORMAT
'83' IS NOT A VALID FORMAT
'94' IS NOT A VALID FORMAT
'128' IS NOT A VALID FORMAT
'130' IS NOT A VALID FORMAT
'132' IS NOT A VALID FORMAT
'133' IS NOT A VALID FORMAT
'134' IS NOT A VALID FORMAT
'136' IS NOT A VALID FORMAT

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REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):end

=> d 26,44,55,56,65,67,71,76,78,80,83,94,128,130,132,133,134,136 bib fhitr

L31 ANSWER 26 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:103713 CAPLUS
DN 139:112884
TI Unique bioconcentration characteristics of new aryl fluoroalkyl ethers in common carp (Cyprinus carpio)
AU Yakata, Naoaki; Sudo, Yoshihisa; Yakabe, Yoshikuni; Tadokoro, Hiroshi; Fukui, Hiroyuki; Sanekata, Kenichi; Ikeda, Masanori
CS Chemicals Evaluation and Research Institute, Kurume Laboratory, Kurume, Fukuoka, 830-0023, Japan
SO Chemosphere (2003), 51(2), 153-161
CODEN: CSMHAF; ISSN: 0045-6535
PB Elsevier Science Ltd.
DT Journal
LA English
IT 163036-61-1, NL 63A
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(unique bioconc. characteristics of new aryl fluoroalkyl ethers in common carp (Cyprinus carpio))
RN 163036-61-1 CAPLUS
CN Benzene, 1-(1,1,2,2-tetrafluoroethoxy)-4-(1,1,3,3-tetramethylbutyl)- (9CI)
(CA INDEX NAME)

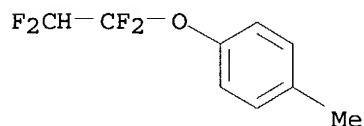


RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L31 ANSWER 44 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:818390 CAPLUS

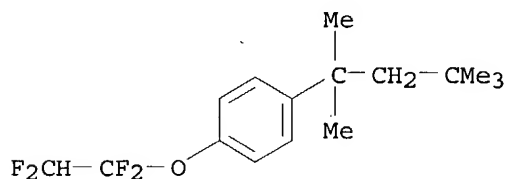
10/669,404

DN 138:187456
TI Facile and efficient synthesis of fluoroalkyl aryl ethers
AU Kamal, Ahmed; Pratap, T. B.; Ramana, K. Venkata; Ramana, A. V.; Babu, A. Hari
CS Division of Organic Chemistry, Indian Institute of Chemical Technology, Hyderabad, 500 007, India
SO Tetrahedron Letters (2002), 43(41), 7353-7355
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 138:187456
IT 1737-11-7P, 4-(1,1,2,2-Tetrafluoroethoxy)toluene
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of fluoroalkyl aryl ethers from iodoalkyl fluorides and phenols)
RN 1737-11-7 CAPLUS
CN Benzene, 1-methyl-4-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)



RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L31 ANSWER 55 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2000:168920 CAPLUS
DN 132:336619
TI Lubricity of fluorinated alkyl aryl ethers
AU Fukui, H.; Murata, H.; Sanechika, K.-i.; Ikeda, M.
CS Chiyoda-ku, 1-1-2 Yuraku-cho, Corporate R&D Administration, Asahi Chemical Industry Co., Ltd., Tokyo, Japan
SO Journal of Fluorine Chemistry (2000), 103(2), 129-134
CODEN: JFLCAR; ISSN: 0022-1139
PB Elsevier Science S.A.
DT Journal
LA English
IT 163036-61-1P
RL: PRP (Properties); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(lubricating properties of)
RN 163036-61-1 CAPLUS
CN Benzene, 1-(1,1,2,2-tetrafluoroethoxy)-4-(1,1,3,3-tetramethylbutyl)- (9CI)
(CA INDEX NAME)

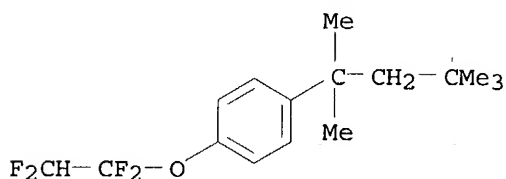


RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L31 ANSWER 56 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN

10/669,404

AN 2000:47678 CAPLUS
DN 132:95470
TI Thermal and oxidative stability of fluorinated alkyl aryl ethers
AU Fukui, Hiroyuki; Sanechika, Ken-Ichi; Watanabe, Masashi; Ikeda, Masanori
CS Corporate R & D Administration, Asahi Chemical Industry Co., Ltd., Tokyo, Japan
SO Journal of Fluorine Chemistry (2000), 101(1), 91-96
CODEN: JFLCAR; ISSN: 0022-1139
PB Elsevier Science S.A.
DT Journal
LA English
IT 163036-61-1P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(thermal and oxidative stability of fluorinated alkyl aryl ethers)
RN 163036-61-1 CAPLUS
CN Benzene, 1-(1,1,2,2-tetrafluoroethoxy)-4-(1,1,3,3-tetramethylbutyl)- (9CI)
(CA INDEX NAME)



RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L31 ANSWER 65 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:754311 CAPLUS
DN 128:22715
TI Preparation of fluoroethyl phenyl ethers as lubricating oils for refrigeration compressors.
IN Sanechika, Kenichi; Ikeda, Masanori; Fukui, Hiroyuki; Yamamoto, Shinichi
PA Asahi Chemical Industry Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 25 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

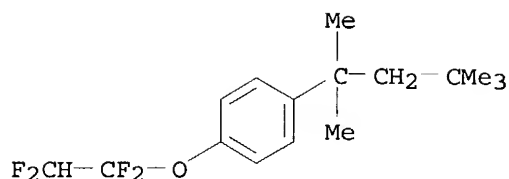
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09301911	A2	19971125	JP 1996-115107	19960509
PRAI	JP 1996-115107		19960509		
OS	MARPAT 128:22715				
IT	163036-61-1P				

RL: IMF (Industrial manufacture); PUR (Purification or recovery); SPN (Synthetic preparation); PREP (Preparation)
(preparation of fluoroethyl Ph ethers by reaction of phenols with tetrafluoroethane using alkali metal catalysts)

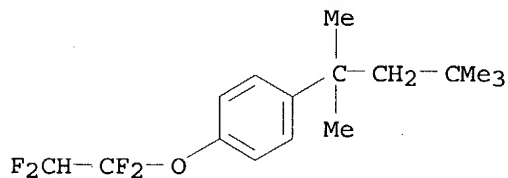
RN 163036-61-1 CAPLUS
CN Benzene, 1-(1,1,2,2-tetrafluoroethoxy)-4-(1,1,3,3-tetramethylbutyl)- (9CI)
(CA INDEX NAME)

10/669,404



L31 ANSWER 67 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1996:674061 CAPLUS
DN 125:304791
TI Fluorine aromatic compound as lubricating oil and ammonia as refrigerant
in refrigerant composition
IN Ikeda, Masanori; Watanabe, Shinji
PA Asahi Chemical Ind, Japan
SO Jpn. Kokai Tokkyo Koho, 42 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08209164	A2	19960813	JP 1995-300507	19951026
PRAI	JP 1994-265088		19941028		
OS	MARPAT 125:304791				
IT	163036-61-1				
RL:	NUU (Other use, unclassified); USES (Uses) (fluorine aromatic compound as lubricating oil and hydrocarbon as refrigerant in refrigerant composition)				
RN	163036-61-1	CAPLUS			
CN	Benzene, 1-(1,1,2,2-tetrafluoroethoxy)-4-(1,1,3,3-tetramethylbutyl)- (9CI) (CA INDEX NAME)				



L31 ANSWER 71 OF 136 USPATFULL on STN
AN 96:75046 USPATFULL
TI Lubricant oil composition comprising a fluorine-containing aromatic
compound and an alkyl- or alkyl derivative-substituted aromatic
compound, and a refrigerant composition containing the same
IN Sanechika, Kenichi, Nobeoka, Japan
Fukui, Hiroyuki, Fuji, Japan
Ikeda, Masanori, Fuji, Japan
PA Asahi Kasei Kogyo Kabushiki Kaisha, Osaka, Japan (non-U.S. corporation)
PI US 5547593 19960820
AI US 1994-289220 19940811 (8)
PRAI JP 1993-199527 19930811
DT Utility
FS Granted
EXNAM Primary Examiner: McAvoy, Ellen M.
LREP Birch, Stewart, Kolasch & Birch, LLP
CLMN Number of Claims: 34

10/669,404

ECL Exemplary Claim: 1

DRWN 2 Drawing Figure(s); 2 Drawing Page(s)

LN.CNT 3963

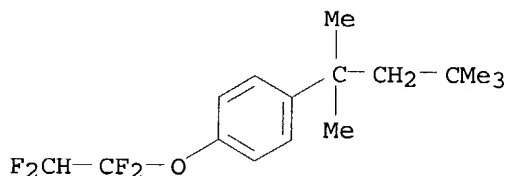
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 163036-61-1P

(lubricating oils containing; alkylaryl fluoroalkyl ether-based lubricating oils suitable for use with non-chlorofluorocarbon refrigerants)

RN 163036-61-1 USPATFULL

CN Benzene, 1-(1,1,2,2-tetrafluoroethoxy)-4-(1,1,3,3-tetramethylbutyl)- (9CI)
(CA INDEX NAME)



L31 ANSWER 76 OF 136 USPATFULL on STN

AN 94:81975 USPATFULL

TI Electro-optical liquid crystal display element

IN Poetsch, Eike, Muhtal, Germany, Federal Republic of
Kurmeier, Hans A., Seeheim-Jugenheim, Germany, Federal Republic of
Eidenschink, Rudolf, Bodenheim, Germany, Federal Republic of
Weber, Georg, Erzhausen, Germany, Federal Republic of
Wachtler, Andreas, Griesheim, Germany, Federal Republic of

PA Merck Patent Gesellschaft mit beschränkter Haftung, Darmstadt, Germany,
Federal Republic of (non-U.S. corporation)

PI US 5348677 19940920

AI US 1992-963369 19921020 (7)

RLI Division of Ser. No. US 1988-294630, filed on 23 Dec 1988, now patented,
Pat. No. US 5196140

PRAI DE 1987-3714043 19870428

DT Utility

FS Granted

EXNAM Primary Examiner: Stoll, Robert L.; Assistant Examiner: Harris, C.

LREP Millen, White, Zelano & Branigan

CLMN Number of Claims: 5

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1747

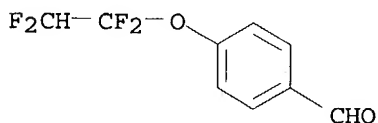
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 35295-36-4

(reaction of, liquid-crystal display containing fluoro compound from)

RN 35295-36-4 USPATFULL

CN Benzaldehyde, 4-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)



L31 ANSWER 78 OF 136 USPATFULL on STN

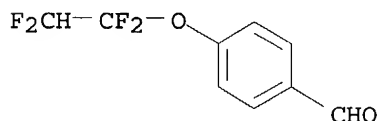
AN 93:22427 USPATFULL

TI Electro-optical liquid crystal display element

IN Poetsch, Eike, Muhltal, Germany, Federal Republic of

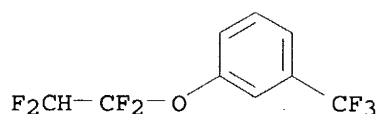
10/669,404

Kurmeier, Hans A., Seeheim-Hugenheim, Germany, Federal Republic of
Eidenschink, Rudolf, Bodenheim, Germany, Federal Republic of
Weber, Georg, Erzhausen, Germany, Federal Republic of
Wachtler, Andreas, Griesheim, Germany, Federal Republic of
PA Merck Patent Gesellschaft Mit Beschränkter Haftung, Darmstadt, Germany,
Federal Republic of (non-U.S. corporation)
PI US 5196140 19930323
WO 8808441 19881103
AI US 1988-294630 19881223 (7)
WO 1988-EP335 19880421
19881223 PCT 371 date
19881223 PCT 102(e) date
PRAI DE 1987-3714043 19870428
DT Utility
FS Granted
EXNAM Primary Examiner: Stoll, Robert L.; Assistant Examiner: Harris, C.
LREP Millen, White, Zelano and Branigan
CLMN Number of Claims: 8
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1859
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 35295-36-4
(reaction of, liquid-crystal display containing fluoro compound from)
RN 35295-36-4 USPATFULL
CN Benzaldehyde, 4-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)



L31 ANSWER 80 OF 136 USPATFULL on STN
AN 92:97179 USPATFULL
TI Perfluorovinyl compounds
IN Babb, David A., Lake Jackson, TX, United States
Clement, Katherine S., Lake Jackson, TX, United States
Ezzell, Bobby R., Lake Jackson, TX, United States
PA The Dow Chemical Company, Midland, MI, United States (U.S. corporation)
PI US 5162468 19921110
AI US 1991-668296 19910312 (7)
RLI Division of Ser. No. US 1989-364665, filed on 9 Jun 1989, now patented,
Pat. No. US 5023380, issued on 16 Apr 1992
DT Utility
FS Granted
EXNAM Primary Examiner: Michl, Paul R.; Assistant Examiner: Szekely, Peter
CLMN Number of Claims: 7
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1473
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 134150-96-2P
(preparation of)
RN 134150-96-2 USPATFULL
CN Benzene, 1-(1,1,2,2-tetrafluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA
INDEX NAME)

10/669,404

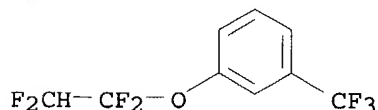


L31 ANSWER 83 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1991:408267 CAPLUS
DN 115:8267
TI Preparation of perfluorovinyl compounds and their polymerization
IN Babb, David A.; Clement, Katherine S.; Ezzell, Bobby R.
PA Dow Chemical Co., USA
SO PCT Int. Appl., 62 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9015043	A2	19901213	WO 1990-US3154	19900604
	WO 9015043	A3	19910321		
	W: AU, CA, FI, JP, KR, NO				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
	US 5023380	A	19910611	US 1989-364665	19890609
	CA 2030792	AA	19901210	CA 1990-2030792	19900604
	CA 2030792	C	20010821		
	AU 9058473	A1	19910107	AU 1990-58473	19900604
	EP 428706	A1	19910529	EP 1990-909869	19900604
	EP 428706	B1	19940713		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
	JP 04500367	T2	19920123	JP 1990-509222	19900604
	JP 2915573	B2	19990705		
	NO 9100517	A	19910208	NO 1991-517	19910208
	NO 175678	B	19940808		
	NO 175678	C	19941116		
	US 5162468	A	19921110	US 1991-668296	19910312
PRAI	US 1989-364665	A	19890609		
	WO 1990-US3154	A	19900604		
OS	MARPAT 115:8267				
IT	134150-96-2P				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(preparation of)				
RN	134150-96-2 CAPLUS				
CN	Benzene, 1-(1,1,2,2-tetrafluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)				



L31 ANSWER 94 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1989:468069 CAPLUS
DN 111:68069
TI Electrooptical liquid-crystal display element containing dielectric component with fluoro compound for short switching time
IN Poetsch, Eike; Kurmeier, Hans Adolf; Eidenschink, Rudolf; Weber, Georg;

10/669,404

Waechtler, Andreas

PA Merck Patent G.m.b.H., Fed. Rep. Ger.

SO PCT Int. Appl., 83 pp.

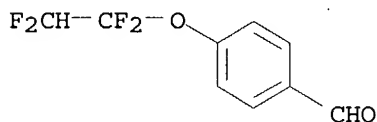
CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 8808441	A1	19881103	WO 1988-EP335	19880421
	W: JP, US				
	RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
	DE 3714043	A1	19881117	DE 1987-3714043	19870428
	EP 313604	A1	19890503	EP 1988-903807	19880421
	EP 313604	B1	19920325		
	R: DE				
	JP 01503145	T2	19891026	JP 1988-503664	19880421
	US 5196140	A	19930323	US 1988-294630	19881223
	US 5348677	A	19940920	US 1992-963369	19921020
PRAI	DE 1987-3714043		19870428		
	WO 1988-EP335		19880421		
	US 1988-294630		19881223		
IT	35295-36-4				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(reaction of, liquid-crystal display containing fluoro compound from)				
RN	35295-36-4 CAPLUS				
CN	Benzaldehyde, 4-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)				



L31 ANSWER 128 OF 136 USPATFULL on STN

AN 75:68867 USPATFULL

TI Process for the preparation of aryl-1,1,2,2-tetrafluoroethyl ethers

IN Rebsdats, Siegfried, Altotting, Germany, Federal Republic of

Hahn, Helmut, Burghausen, Germany, Federal Republic of

PA Hoechst Aktiengesellschaft, Frankfurt am Main, Germany, Federal Republic of (non-U.S. corporation)

PI US 3926989 19751216

AI US 1971-152600 19710614 (5)

PRAI DE 1970-2029556 19700616

DT Utility

FS Granted

EXNAM Primary Examiner: Moatz, Harry I.

LREP Connolly and Hutz

CLMN Number of Claims: 9

ECL Exemplary Claim: 1

DRWN 1 Drawing Figure(s); 1 Drawing Page(s)

LN.CNT 239

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

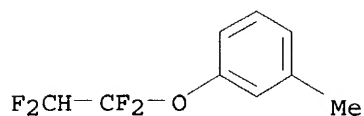
IT 1737-10-6P

(preparation of)

RN 1737-10-6 USPATFULL

CN Benzene, 1-methyl-3-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)

10/669,404



L31 ANSWER 130 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1973:418377 CAPLUS

DN 79:18377

TI Fluorinated alkoxybenzyl chlorides

IN Ertel, Hartmut; Kluge, Friedhelm; Heubach, Guenther

PA Farbwerke Hoechst A.-G.

SO Ger. Offen., 8 pp.

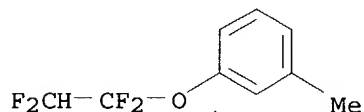
CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	DE 2150955	A1	19730419	DE 1971-2150955	19711013
PRAI	DE 1971-2150955		19711013		
IT	1737-10-6				
	RL: RCT (Reactant); RACT (Reactant or reagent) (chlorination of)				
RN	1737-10-6 CAPLUS				
CN	Benzene, 1-methyl-3-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)				



L31 ANSWER 132 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1972:72216 CAPLUS

DN 76:72216

TI Aryl 1,1,2,2-tetrafluoroethyl ethers

IN Rebsdat, Siegfried; Hahn, Helmut

PA Farbwerke Hoechst A.-G.

SO Ger. Offen., 10 pp.

CODEN: GWXXBX

DT Patent

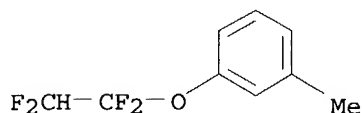
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	DE 2029556	A	19711223	DE 1970-2029556	19700616
	NL 7108043	A	19711220	NL 1971-8043	19710611
	CH 551933	A	19740731	CH 1971-8521	19710611
	BE 768485	A1	19711214	BE 1971-104591	19710614
	US 3926989	A	19751216	US 1971-152600	19710614
	FR 2096336	A5	19720211	FR 1971-21646	19710615
	CA 1083156	A1	19800805	CA 1971-115662	19710615
	GB 1320648	A	19730620	GB 1971-28202	19710616
PRAI	DE 1970-2029556		19700616		
IT	1737-10-6P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				

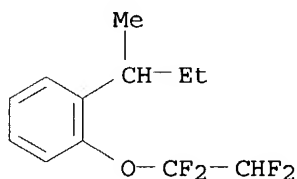
10/669,404

RN 1737-10-6 CAPLUS
CN Benzene, 1-methyl-3-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)



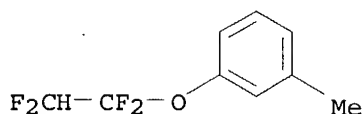
L31 ANSWER 133 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1970:436584 CAPLUS
DN 73:36584
TI Preparation of (1,1,2,2-tetrafluoroethoxy)benzenes
PA Farbwerke Hoechst A.-G.
SO Fr. Demande, 10 pp.
CODEN: FRXXBL
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	FR 2005876		19691219		
	DE 1768171			DE	
	GB 1230932			GB	
PRAI	DE		19680409		
IT	28202-34-8P				
	RL: IMF (Industrial manufacture); PREP (Preparation)				
	(preparation of)				
RN	28202-34-8 CAPLUS				
CN	Benzene, 1-(1-methylpropyl)-2-(1,1,2,2-tetrafluoroethoxy)- (9CI)				(CA INDEX NAME)

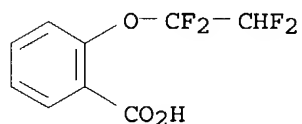


L31 ANSWER 134 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1964:23098 CAPLUS
DN 60:23098
OREF 60:4039e-f
TI α -Fluorinated ethers. I. Aryl fluoroalkyl ethers
AU Sheppard, William A.
CS E. I. du Pont de Nemours and Co., Wilmington, DE
SO Journal of Organic Chemistry (1964), 29(1), 1-11
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA Unavailable
OS CASREACT 60:23098
IT 1737-10-6, Phenetole, $\alpha,\alpha,\beta,\beta$ -tetrafluoro-m-methyl-
(preparation of)
RN 1737-10-6 CAPLUS
CN Benzene, 1-methyl-3-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)

10/669,404



L31 ANSWER 136 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1963:80936 CAPLUS
DN 58:80936
OREF 58:13761e-f
TI The effect of fluorine substitution on the electronic properties of
alkoxy, alkylthio, and alkylsulfonyl groups
AU Sheppard, William A.
CS E. I. du Pont de Nemours and Co., Wilmington, DE
SO Journal of the American Chemical Society (1963), 85, 1314-18
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA Unavailable
IT 10008-97-6, Benzoic acid, m-(1,1,2,2-tetrafluoroethoxy)-
(ionization of)
RN 10008-97-6 CAPLUS
CN Benzoic acid, m-(1,1,2,2-tetrafluoroethoxy)- (7CI, 8CI) (CA INDEX NAME)



=> file stnguide
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
107.09	1433.60

FULL ESTIMATED COST

FILE 'STNGUIDE' ENTERED AT 20:34:24 ON 15 NOV 2004
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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov 12, 2004 (20041112/UP).

=> file reg
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.30	1433.90

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 20:37:10 ON 15 NOV 2004
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provided by InfoChem.

STRUCTURE FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4
DICTIONARY FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4

10/669,404

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

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ENTER SCREEN EXPRESSION OR (END):end

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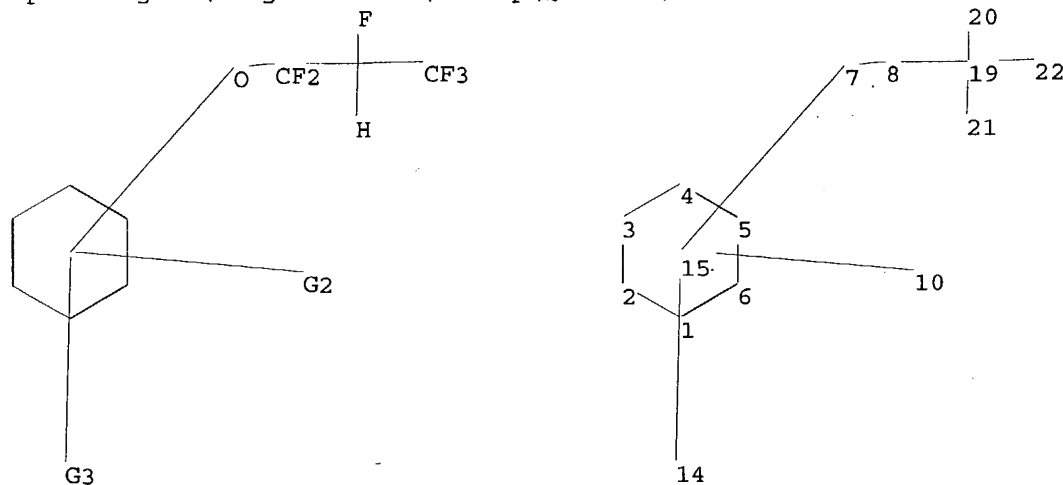
L32 SCREEN CREATED

=> screen 1992 OR 2016 OR 2021 OR 2026 OR 1839

L33 SCREEN CREATED

 \Rightarrow

Uploading C:\Program Files\Stnexp\Queries\10669404d.str



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chain nodes :
7 8 10 14 19 20 21 22
ring nodes :
1 2 3 4 5 6
chain bonds :
7-8 8-19 19-20 19-21 19-22
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact bonds :
7-8 8-19 19-20 19-21 19-22
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :
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10/669,404

G2:CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH2,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 14:CLASS 15:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS

L34 STRUCTURE UPLOADED

=> que L34 AND L32 NOT L33

L35 QUE L34 AND L32 NOT L33

=> d

L35 HAS NO ANSWERS

L32 SCR 1083

L33 SCR 1992 OR 2016 OR 2021 OR 2026 OR 1839

L34 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

L35 QUE L34 AND L32 NOT L33

=> s l35

SAMPLE SEARCH INITIATED 20:37:47 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 6 TO ITERATE

100.0% PROCESSED 6 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 6 TO 266

PROJECTED ANSWERS: 1 TO 80

L36 1 SEA SSS SAM L34 AND L32 NOT L33

=> s l35 ful

FULL SEARCH INITIATED 20:37:53 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 151 TO ITERATE

100.0% PROCESSED 151 ITERATIONS

33 ANSWERS

SEARCH TIME: 00.00.01

L37 33 SEA SSS FUL L34 AND L32 NOT L33

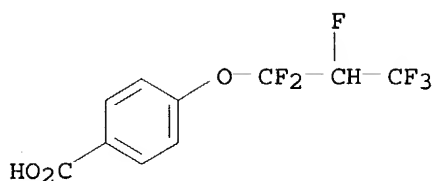
=> d scan

L37 33 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN

IN Benzoic acid, 4-(1,1,2,3,3,3-hexafluoropropoxy)- (9CI)

MF C10 H6 F6 O3

10/669,404



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus uspatfull

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.84

1589.74

FILE 'CAPLUS' ENTERED AT 20:38:06 ON 15 NOV 2004

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FILE 'USPATFULL' ENTERED AT 20:38:06 ON 15 NOV 2004

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=> s l37

L38 22 L37

=> dup rem l38

PROCESSING COMPLETED FOR L38

L39 21 DUP REM L38 (1 DUPLICATE REMOVED)

=> d 1-21 ti

L39 ANSWER 1 OF 21 USPATFULL on STN

TI PHENYL POLYHALOALKYL ETHER DERIVATIVES, LIQUID-CRYSTAL COMPOSITION
CONTAINING THE SAME, AND LIQUID-CRYSTAL DISPLAY ELEMENT

L39 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

TI Synthesis of fluorinated aryl peroxides

L39 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

TI Phenyl polyhaloalkyl ether derivatives, liquid-crystal composition
containing the same, and liquid-crystal display element

L39 ANSWER 4 OF 21 USPATFULL on STN

TI O-phenylenediamines containing fluoroalkyl(ene) groups

L39 ANSWER 5 OF 21 USPATFULL on STN

TI Halogenation processes in advantageous solvents, and novel
bistrifluoromethyl-polyfluoroalkoxybenzenes

L39 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

TI Preparation of 1,1,2,3,3,3-hexafluoropropyl group-containing
liquid-crystal compounds and liquid-crystal formulations containing them

L39 ANSWER 7 OF 21 USPATFULL on STN

TI Process for the α -chlorination of aryl ethers

10/669,404

L39 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of o-phenylenediamines as benzimidazole pesticide intermediates

L39 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Halogenation process in advantageous fluorinated solvents and new bis(trifluormethyl) (polyfluoroalkoxy)benzenes

L39 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Process for α -chlorination of aryl ethers.

L39 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
TI 3-(Fluoroalkoxy)benzoyl halides as intermediates for herbicides

L39 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Metallic complexes of fluoro-substituted tetracyanotetraarylporphyrazines

L39 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Polyfluoroalkyl aryl ethers

L39 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI A new type of fluortensides, based on the addition of nucleophiles to chlorotrifluoroethylene and hexafluoropropylene

L39 ANSWER 15 OF 21 USPATFULL on STN
TI Photographic elements containing cyan-forming color couplers

L39 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Photographic elements containing cyan-forming color couplers

L39 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluorine-substituted styrenes

L39 ANSWER 18 OF 21 USPATFULL on STN
TI Light-sensitive silver halide materials containing fluorine-containing surfactants

L39 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluorine-containing surfactants and their use in hydrophilic colloid compositions and light-sensitive silver halide materials

L39 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluorine-containing compounds

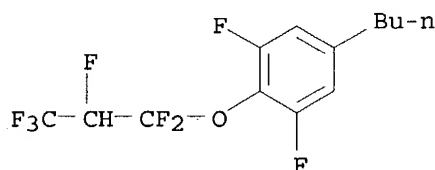
L39 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluorinated alkoxybenzyl chlorides

=> d 1,3,5,6,7,13,14,17,20,21 bib fhitr

L39 ANSWER 1 OF 21 USPATFULL on STN
AN 2001:149676 USPATFULL
TI PHENYL POLYHALOALKYL ETHER DERIVATIVES, LIQUID-CRYSTAL COMPOSITION CONTAINING THE SAME, AND LIQUID-CRYSTAL DISPLAY ELEMENT
IN SHIBATA, KOUICHI, CHIBA, Japan
MATSUI, SHUICHI, CHIBA, Japan
MIYAZAWA, KAZUTOSHI, CHIBA, Japan
TAKEUCHI, HIROYUKI, CHIBA, Japan
HISATSUNE, YASUSUKE, CHIBA, Japan
TAKESHITA, FUSAYUKI, CHIBA, Japan
NAKAGAWA, ETSUO, CHIBA, Japan
PI US 2001019121 A1 20010906

10/669,404

AI US 1999-308039 A1 19990713 (9)
WO 1997-JP4114 19971112
None PCT 102(e) date
PRAI JP 1996-316958 19961113
DT Utility
FS APPLICATION
LREP WENDEROTH LIND & PONACK, 2033 K STREET NW, SUITE 800, WASHINGTON, DC,
20006
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1888
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 207614-76-4
(preparation of Ph polyhaloalkyl ether derivs., liquid-crystal composition
containing
them, and liquid-crystal display element)
RN 207614-76-4 USPATFULL
CN Benzene, 5-butyl-1,3-difluoro-2-(1,1,2,3,3,3-hexafluoropropoxy)- (9CI)
(CA INDEX NAME)

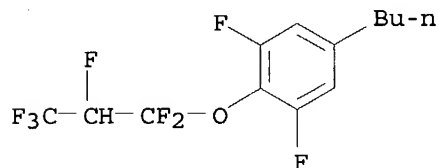


L39 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:341533 CAPLUS
DN 129:21744
TI Phenyl polyhaloalkyl ether derivatives, liquid-crystal composition
containing the same, and liquid-crystal display element
IN Shibata, Kouichi; Matsui, Shuichi; Miyazawa, Kazutoshi; Takeuchi,
Hiroyuki; Hisatsune, Yasusuke; Takeshita, Fusayuki; Nakagawa, Etsuo
PA Chisso Corp., Japan; Shibata, Kouichi; Matsui, Shuichi; Miyazawa,
Kazutoshi; Takeuchi, Hiroyuki; Hisatsune, Yasusuke; Takeshita, Fusayuki;
Nakagawa, Etsuo
SO PCT Int. Appl., 79 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9821172	A1	19980522	WO 1997-JP4114	19971112
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, ID, IL, IS, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	JP 10139709	A2	19980526	JP 1996-316958	19961113
	AU 9749642	A1	19980603	AU 1997-49642	19971112
	EP 945422	A1	19990929	EP 1997-912427	19971112
	R: DE, FR, GB				
	US 2001019121	A1	20010906	US 1999-308039	19990713
PRAI	JP 1996-316958	A	19961113		

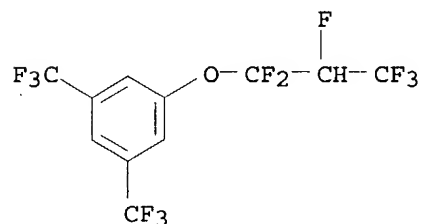
10/669,404

WO 1997-JP4114 W 19971112
IT 207614-76-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of Ph polyhaloalkyl ether derivs., liquid-crystal composition containing them, and liquid-crystal display element)
RN 207614-76-4 CAPLUS
CN Benzene, 5-butyl-1,3-difluoro-2-(1,1,2,3,3,3-hexafluoropropoxy) - (9CI)
(CA INDEX NAME)



RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 5 OF 21 USPATFULL on STN
AN 96:5929 USPATFULL
TI Halogenation processes in advantageous solvents, and novel bistrifluoromethyl-polyfluoroalkoxybenzenes
IN Marhold, Albrecht, Leverkusen, Germany, Federal Republic of
PA Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of (non-U.S. corporation)
PI US 5484932 19960116
AI US 1994-253188 19940602 (8)
RLI Continuation of Ser. No. US 1993-52420, filed on 15 Apr 1993, now abandoned
PRAI DE 1992-4213850 19920427
DT Utility
FS Granted
EXNAM Primary Examiner: Evans, Joseph E.
LREP Gerstenzang, William C.Sprung Horn Kramer & Woods
CLMN Number of Claims: 5
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 308
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 153646-12-9
(preparation as halogenation solvent and attempted chlorination of)
RN 153646-12-9 USPATFULL
CN Benzene, 1-(1,1,2,3,3,3-hexafluoropropoxy)-3,5-bis(trifluoromethyl)- (9CI)
(CA INDEX NAME)

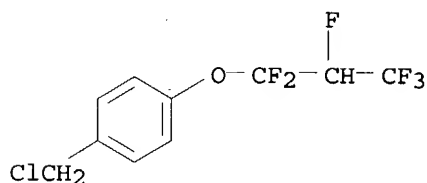


L39 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

10/669,404

AN 1995:689905 CAPLUS
DN 123:98108
TI Preparation of 1,1,2,3,3,3-hexafluoropropyl group-containing
liquid-crystal compounds and liquid-crystal formulations containing them
IN Miyazawa, Kazutoshi; Goto, Yasuyuki; Matsui, Shuichi; Fujita, Atsuko;
Tomi, Yoshitaka
PA Chisso Corp., Japan
SO Eur. Pat. Appl., 49 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 640578	A1	19950301	EP 1994-306361	19940830
	EP 640578	B1	19971105		
	EP 640578	B2	20010627		
	R: CH, DE, FR, GB, LI				
	JP 07118184	A2	19950509	JP 1994-78955	19940418
PRAI	JP 1993-214580	A	19930830		
	JP 1994-78955	A	19940418		
OS	MARPAT 123:98108				
IT	78010-87-4				
	RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of 1,1,2,3,3,3-hexafluoropropyl group-containing liquid-crystal comps. and liquid-crystal formulations containing them)				
RN	78010-87-4 CAPLUS				
CN	Benzene, 1-(chloromethyl)-4-(1,1,2,3,3,3-hexafluoropropoxy)- (9CI) (CA INDEX NAME)				



L39 ANSWER 7 OF 21 USPATFULL on STN
AN 95:71501 USPATFULL
TI Process for the α -chlorination of aryl ethers
IN Marhold, Albrecht, Leverkusen, Germany, Federal Republic of
Jelich, Klaus, Wuppertal, Germany, Federal Republic of
PA Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
(non-U.S. corporation)
PI US 5440051 19950808
AI US 1994-216239 19940322 (8)
RLI Continuation of Ser. No. US 1993-48165, filed on 15 Apr 1993, now
abandoned
PRAI DE 1992-42138493 19920427
DT Utility
FS Granted
EXNAM Primary Examiner: Reamer, James H.
LREP Sprung Horn Kramer & Woods
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 395
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

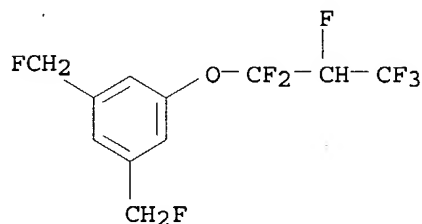
10/669,404

IT 152946-82-2P

(preparation of, as solvent for chlorination reactions)

RN 152946-82-2 USPATFULL

CN Benzene, 1,3-bis(fluoromethyl)-5-(1,1,2,3,3,3-hexafluoropropoxy)- (9CI)
(CA INDEX NAME)



L39 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1987:138010 CAPLUS

DN 106:138010

TI Polyfluoroalkyl aryl ethers

AU Du, Xuemei; Yang, Binghua; Hu, Changming

CS Shanghai Inst. Org. Chem., Acad. Sin., Shanghai, Peop. Rep. China

SO Huaxue Xuebao (1986), 44(6), 604-9

CODEN: HHHPA4; ISSN: 0567-7351

DT Journal

LA Chinese

OS CASREACT 106:138010

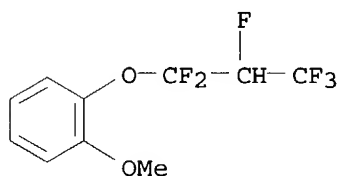
IT 107368-46-7P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of)

RN 107368-46-7 CAPLUS

CN Benzene, 1-(1,1,2,3,3,3-hexafluoropropoxy)-2-methoxy- (9CI) (CA INDEX NAME)



L39 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1985:187077 CAPLUS

DN 102:187077

TI A new type of fluortensides, based on the addition of nucleophiles to chlorotrifluoroethylene and hexafluoropropylene

AU Kokelenberg, Hendrik; Pollet, Robert

CS Abt. Allg. Photogr. Forsch., Agfa-Gevaert N. V., Mortsel, B-2510, Belg.

SO Tenside Detergents (1985), 22(1), 22-7

CODEN: TSDTAZ; ISSN: 0040-3490

DT Journal

LA English

IT 75836-10-1P

RL: SPN (Synthetic preparation); PREP (Preparation)

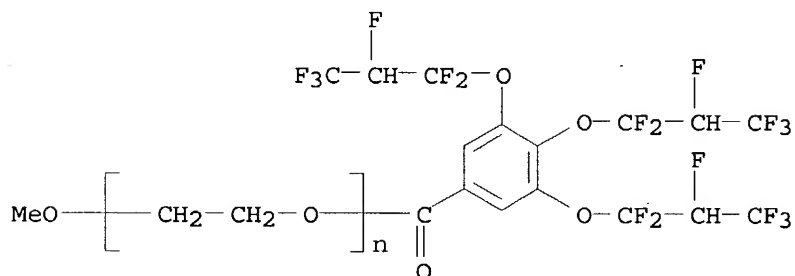
(preparation of surface-active)

RN 75836-10-1 CAPLUS

CN Poly(oxy-1,2-ethanediyl), α -[3,4,5-tris(1,1,2,3,3,3-

10/669,404

hexafluoropropoxy)benzoyl]- ω -methoxy- (9CI) (CA INDEX NAME)



L39 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1981:424503 CAPLUS

DN 95:24503

TI Fluorine-substituted styrenes

IN Hagemann, Hermann; Klauke, Erich

PA Bayer A.-G., Fed. Rep. Ger.

SO Ger. Offen., 13 pp.

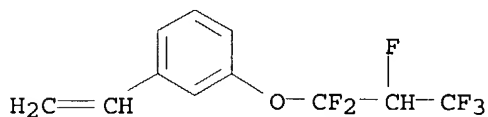
CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2936237	A1	19810319	DE 1979-2936237	19790907
PRAI	DE 1979-2936237		19790907		
IT	78010-80-7P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN	78010-80-7 CAPLUS				
CN	Benzene, 1-ethenyl-3-(1,1,2,3,3,3-hexafluoropropoxy)- (9CI) (CA INDEX NAME)				



L39 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1975:139671 CAPLUS

DN 82:139671

TI Fluorine-containing compounds

IN Kawaguchi, Takeyuki; Yonemura, Utami; Negishi, Sutemi

PA Teijin Ltd.

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

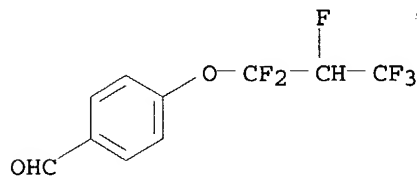
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 49132022	A2	19741218	JP 1973-40355	19730411
PRAI	JP 1973-40355		19730411		
IT	55321-69-2				

10/669,404

RL: RCT (Reactant); RACT (Reactant or reagent)
(condensation with butylaniline)

RN 55321-69-2 CAPLUS

CN Benzaldehyde, 4-(1,1,2,3,3,3-hexafluoropropoxy)- (9CI) (CA INDEX NAME)



L39 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1973:418377 CAPLUS

DN 79:18377

TI Fluorinated alkoxybenzyl chlorides

IN Ertel, Hartmut; Kluge, Friedhelm; Heubach, Guenther

PA Farbwerke Hoechst A.-G.

SO Ger. Offen., 8 pp.

CODEN: GWXXBX

DT Patent

LA German

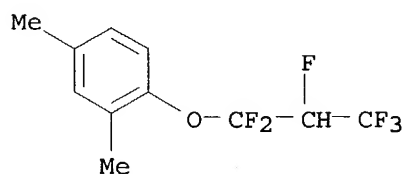
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2150955	A1	19730419	DE 1971-2150955	19711013
PRAI	DE 1971-2150955		19711013		
IT	42145-68-6				

RL: RCT (Reactant); RACT (Reactant or reagent)
(chlorination of)

RN 42145-68-6 CAPLUS

CN Benzene, 1-(1,1,2,3,3,3-hexafluoropropoxy)-2,4-dimethyl- (9CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

52.20

1641.94

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